2, App Appli

Title: Perfect score: Sequence:

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Run on:

Scoring table:

Searched:

Minimum DB seq Maximum DB seq

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16038, A
8928, Ap
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                                                  Sequence
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              US-09-614-124B-1590
US-09-671-325-1590
US-09-7658-824-342
US-09-762-765-342
US-09-764-124B-342
US-09-671-325-342
US-09-671-325-342
US-09-68-824-342
US-09-68-824-342
US-09-68-84-342
US-09-016-434-286
US-09-016-434-286
US-09-016-434-301
US-09-016-434-301
US-09-016-434-301
US-09-016-434-301
US-09-016-434-301
US-09-016-434-301
US-09-016-6918-806
US-09-016-6918-806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTAT: USAN
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: PRORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
TELEPHONE: 650-855-0555
INFORMATION FOR SEQ 1D NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1315 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
74.9%; Score 1170.6; DB 3;
Best Local Similarity 93.8%; Pred. No. 2.3e-312;
Matches 1231; Conservative 0; Mismatches 79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 3174 Porter Dr. CITY: Palo Alto COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/08992035A
Patent No. 6242179
GENERAL INPORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: COTLEY, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
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253
2406
166698
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ADDRESSEE: Incyte Pi
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CLONE: 1719418
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                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-992-035A-2
; Sequence 2, App
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                                                                                                             November 11, 2005, 06:34:39; Search time 271.197 Seconds (without alignments) 9430.425 Million cell updates/sec
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                                                                                                                                                                                Sequence 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
              GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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US-09-352-616A-456
US-09-352-616A-456
US-09-679-426-456
US-09-679-426-456
US-09-361-313-316
US-09-351-313-316
US-09-352-616A-316
US-09-352-616A-316
US-09-352-616A-316
US-09-352-616A-316
US-09-352-616A-316
US-09-636-215-316
US-09-636-215-316
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US-09-636-316
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                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                          1202784 seqs, 818138359 residues
                                                                               nucleic search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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length: 2000000000
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                            Copyright
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Match
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Score.

Result No.

1170.6

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137.2 137.2 137.2 135.6

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952 TIGGICTIGITGCCGTATCCATTTATGTGGCCTTTCTCGAGTTTCTGATTATAAACACC 1011
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500 CGSTCTATGTGCAGCTGGAGAAGGTGTGCAGGGGAAACCCTGCTGATGTCACCGAGGCCA 559
                                                                                                                                                   TTTATCTTCAAGCCAGGATGAAGGGAGACTGGGCAAGACTCTTACGCCCCACACTGCAAT 951
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                                                                                                                                                                                                                                                                                                                                                                                                     64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 456, Application US/09439313
; Sequence 456, Application US/09439313
; Patent No. 6329056
; GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Mitchener, Suaan Louise
APPLICANT: Hatlocker, Suaan Louise
APPLICANT: Reed, Steven G.
APPLICANT: Reed, Steven G.
APPLICANT: Renger, Mark
APPLICANT: Renger, Mark
APPLICANT: Reter, Mark
APPLICANT: Day, Craig
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.42709
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT PILLING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
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Best Local S:
Matches 226
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                                                                                  TCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTG 1028
                                                                                                       411
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Patent No. 668288
GENERAL INFORMATION:
APPLICANT: Loring, Jeanne F.
APPLICANT: Tingley, Debora W.
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/09/566,921
CURRENT FILING DATE: 2000-05-05
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PERL PROGRAM
SEQ ID NO 117
LENGTH: 1303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 1303;
909 ATGAAGGGAGACTGGGCCAAGACTCTTACGCCCCACACTGCAATTTGGTCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 16.2%; Score 253.2; DB 4; Length Best Local Similarity 58.7%; Pred. No. 2.8e-59; Matches 457; Conservative 0; Mismatches 318; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
                                                                                                                                                                                                                                                  1089 TTCAAAGAAGAACTTCTTTAAAGA 1114
                                                                                                                                                                                                                                                                              241 TTCAAAGAAAGAACTTCTTTTAAAGA 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
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FastSEQ for Windows Version 3.0
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Sequence 456, Application US/09685166A
; Sequence 456, Application US/09685166A
; Patent No. 6630305
; GENERAL INFORMATION:
APPLICANT: XU, Jiangchun
; APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Kalos, Michael D.
APPLICANT: Kalos, Michael D.
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Vedvick, Thomas S.
Carter, Darrick
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Retter, Marc W.
Stolk, John A.
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Matches 226; Conservative
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; ORGANISM: Homo sapiens
US-09-685-166A-456
                                                                          ; ORGANISM: Homo sapiens
US-09-636-215-456
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SOFTWARE: Fai
SEQ ID NO 456
LENGTH: 231
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APPLICANT:
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APPLICANT:
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                                                            TYPE: DNA
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APPLICANT:
APPLICANT:
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                                        Sequence 456, Application US/09352616A

Sequence 456, Application US/09352616A

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.

APPLICANT: Jiang, Yuqui

APPLICANT: Jiang, Yuqui

APPLICANT: Mitcham, Jennifer Lynn

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

CURRENT MILLIANCE: 210121.437C8

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472

SEQ ID NO 456

IENGTH: 231
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CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
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Patent No. 6620922
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Matcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Kalos, Michael D.
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Skeiky, Yasir A.W.
Hepler, William
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Vedvick, Thomas S.
Carter, Darrick
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Retter, Marc W.
Stolk, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 99.6
Matches 226; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
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                RESULT 5
US-09-352-616A-456
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APPLICANT:
APPLICANT:
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APPLICANT: Skeiky, Yaair A.W.
APPLICANT: Skeiky, Yaair A.W.
APPLICANT: Hepler, Willian
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121,427C21
CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT PILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: FASESEQ for Windows Version 3.0
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  DB 4; Length 231;
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Query Match 14.4%; Score 225.4; DB 4; Best Local Similarity 99.6%; Pred. No. 4.4e-52; Matches 226; Conservative 0; Mismatches 1;
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476 CAAGTACCCTTACAAAGAAGACACCATACCTTATGCGTTATTAGGTGGAATAATCATTCC 535
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Heller, Milliam
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, Aijun
SPELICANT: Skeiky, Yasir A.W.
APPLICANT: Hopler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 4; Length 231;
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CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 934
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Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
                                                               Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
  Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
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Dillon, Davin C.
Mitcham, Jennifer L.
                                                                                                                                                                                       Day, Craig H.
Vedvick, Thomas S
Carter, Darrick
Li, Samuel
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ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                         596 CTCAAATTCCTTTATCAGGAATAACTACATAGCCACTATTTACAAAGCCATTGGAACCTT
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APPLICANT: Wanney Aljun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C20
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 895
SOFWARE: FARFER
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                                                                                                                                                    185 TTATTTGCCGCGCTGCTAGTCAGTCCCTGACTTGCCAAGT 231
                                                                                                                          656 TTTATTTGGTGCAGCTGCTAGTCAGTCCCTGACTGACATTGCCAAGT 702
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                                                                                                                                                                                                                                                               Sequence 456, Application US/09679426
Patent No. 6759515
GENERAL INFORMATION:
APPLICANT: W. Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Ralos, Michael D.
APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Carter, Day, Craig H.
APPLICANT: Carter, Darrick
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Sequence 456, Application US/09759143
Patent No. 6800746
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 99.65
Matches 226; Conservative
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CORGANISM: Homo sapiens
US-09-679-426-456
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917 AGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTGTTGCCGTATCCATTTA
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                                                                                                                                                                                                                                                                                                              APPLICANT: Xu, Jiangchun
APPLICANT: Willon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Reed, Steven G.
APPLICANT: Ranger, Gary
APPLICANT: Ranger, Gary
APPLICANT: Ranger, Gary
APPLICANT: Ranger, Gary
APPLICANT: Role, John
APPLICANT: Boly, Cohn
APPLICANT: Day, Craig
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THER
TITLE OF INVENTION: COMPOSITIONS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT PILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 316
LENGTH: 151
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                              495 GACACCATACCTTATGCGTTATTAGG
                                                                                                                                                                                                                RESULT 12
US-09-439-313-316
Sequence 316, Application US/09439313
Patent No. 6329505
GENERAL INFORMATION:
                                                                                                                 569
                                                                                                                                                    241 ANNCGTGGNGNAACC 255
                                                                                                             555 ATTCTTGGAGAAACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapien
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US-09-352-616A-316
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                                                                                                                                                                                                                                                                                                                                                                  5 CAGGTACCCTTACAAAGAAGACACCATACTATTAGGTGGAATAATCATTCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTCAAATTCCTTTATCAGGAATAACTACATAGCCACTATTTACAAAGCCATTGGAACCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                315 CCTTGCCGGCCAGCCGGGCAGAGACCATGTTTGACAAGACGCGGCTGCCGTACGTGGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 CTCGNTATGCTCTGCGTGTTGCTGGANTGCCTTTTGTAATTCTTACTTCAAGGCAT
                                                                                                                                                                                                                                                                                                                                        476 CAAGTACCCTTACAAAGAAGACACCATACCTTATGCGTTATTAGGTGGAATAATCATTCC
                                                                                                                                                                                                                                                                                                                                                                                                                       536 ATTCAGTATTATCGTTATTCTTGGAGAAACCCTGTCTGTTTACTGTAACCTTTTGCA
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                                                                                                                                                                                                                                                           Length 231;
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US-09-360-376-28
Sequence 28, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassmer, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REPERENCE: 17026/61/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT PILING DATE: 1999-07-23
PRIOR PILING DATE: 1999-07-24
NUMBER OF SEQ ID NOS: 55
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TTTATTTGGTGCAGCTGCTAGTCAGTCCCTGACTGACATTGCCAAGT 702
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    185 TTTATTTGGTGCAGCTGCTAGTCAGTCCCTGACTGACATTGCCAAGT 231
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13.9%; Score 218; DB 4; Length 272;
Best Local Similarity 86.7%; Pred. No. 5.3e-50;
Matches 221; Conservative 0; Mismatches 34; Indels
                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                        DB 4;
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER FILE REFERENCE: 210121.42718C18
CURRENT APPLICATION NUMBER: US/09/651,236
CURRENT FILING DATE: 2000.08-29
NUMBER OF SEQ ID NOS: 865
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
LENGTH: 231
                                                                                                                                                                                                                                                      Score 225.4; DB 4
Pred. No. 4.4e-52;
0; Mismatches 1
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LOCATION: (1). (272)
OTHER INFORMATION: n = A, T, C,
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Best Local Similarity 99.6%;
Matches 226; Conservative 0
                                                                                                                                                                     TYPE: DNA
CORGANISM: Homo sapiens
US-09-651-236-456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Zea mays
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LENGTH: 272
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APPLICANT: XL, Jiangchun
APPLICANT: Dillon, Davin C.
TITLE OF INTERNATION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE
TITLE REFERENCE: 210121.427C6
CURRENT APPLICATION NUMBER: US/09/232,149A
CURRENT FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 338
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 316
LENGTH: 151
                                                                                                                              Length 151;
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                                                                                                                                                                        0; Indels
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                                                                                                                           9.7%; Score 151; DB 3; 1
100.0%; Pred. No. 1.1e-31;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
9.7%; Score 151; DB 3; I
Best Local Similarity 100.0%; Pred. No. 1.1e-31;
Matches 151; Conservative 0; Mismatches 0;
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Patent No. 6620922
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Kalos, Michael D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 316, Application US/09232149A; Patent No. 6465611; GENERAL INFORMATION:
                                                                                                                         Query Match
Best Local Similarity 100.0
Matches 151; Conservative
                                     TYPE: DNA
ORGANISM: Homo sapien
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ORGANISM: Homo sapien
                                                                    ; OKGANISH: ACIIC
US-09-352-616A-316
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SEQ ID NO 316
LENGTH: 151
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977 TGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTGACTGGACT 1036
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                                                APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Day, Craig H.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Hang, Allian
APPLICANT: Hang, Allian
APPLICANT: Hepler, Willian
APPLICANT: ALIANG NOWNER: 210121.42717C17
CURRENT APPLICATION UNDRER: US/09/636,215
CURRENT APPLICATION UNDRER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9.7%; Score 151; DB 4; I
100.0%; Pred. No. 1.1e-31;
iive 0; Mismatches 0;
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Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
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Best Local Similarity 100.
Matches 151; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-636-215-316
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Fat
SEQ ID NO 316
LENGTH: 151
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14.8
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                                                                                                                                                                                                                                    November 11, 2005, 10:33:31 ; Search time 1366.09 Seconds (without alignments) 9461.850 Million cell updates/sec
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(cgn2 6/ptodata/2/pubpna/US07 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US07 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US06 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US06 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US07 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US08 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US08 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US09 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US09 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US09 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US106 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US106 PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US10F PUBCOMB.seq:*

cgn2 6/ptodata/2/pubpna/US10 NEW PUB.seq:*

cgn2 6/ptodata/2/pubpna/US10 NEW PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                       OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
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                                                                                                                                                                                                                                             Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

		Description		sednence 258//, A	Sequence 61, Appl	Sequence 347, App	Sequence 21, Appl	Sequence 57, Appl
		ID		//8C2-056-/G6-0T-SD	US-10-764-425-61	US-10-287-226-347	US-10-647-426-21	US-10-643-795A-57
		6		77	24	19	20	21
		Score Match Length DB II		CO/T	1566	1388	1043	1043
æ	Query	Match	1 0	20.0	91.3	77.0	63.7	63.7
		Score		7.7007	1426.8	1204	995	995
	Result	No.	-	-1	7	ო	4	2

## ALIGNMENTS

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US-10-357-930-22877, Application US/10357930

| US-10-357-930-22877, Application US/10357930
| Publication No. US20040259086A1
| GENERAL INFORMATION:
| APPLICANT: Schlegel. Robert
| APPLICANT: Bndege, Wilson
| APPLICANT: Bndege, Wilson
| APPLICANT: Monahan, John
| TITLE OF INVENTION: UDENTIFICATION ASSESSMENT, PREVENTION, AND THERAPY OF
| TITLE OF INVENTION: HUMAN PROSTATE CANCER
| TITLE OF INVENTION: HUMAN PROSTATE CANCER
| FILE REFERENCE: MIL-007BCN
| CURRENT APPLICATION NUMBER: 09/785,276
| PRIOR FILING DATE: 2003-02-16
| PRIOR FILING DATE: 2000-02-17
| PRIOR PLICATION NUMBER: 60/201,339
| PRIOR APPLICATION NUMBER: 60/201,454
| PRIOR PLING DATE: 2000-05-25
| PRIOR APPLICATION NUMBER: 60/211,314
| PRIOR PLING DATE: 2000-06-25
| PRIOR APPLICATION NUMBER: 60/211,314
| PRIOR PLING DATE: 2000-06-25
| PRIOR PLING DATE: 2000-06-15
| PRIOR FILING DATE: 2000-07-18
| PRIOR FILING DATE: 2000-07-18
| PRIOR FILING DATE: 2000-17-18
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1007

900

960

1247

1260

1367

1427

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Sequence 6.1, Application US/10764425
; Sequence 6.1, Application US/10764425
; Publication No. US20040146921A1
; GENERAL INFORMATION:
    APPLICANT: Bayer Pharmaceuticals Corporation
; APPLICANT: Brealeigh, Deepa
; APPLICANT: Taylor, Ian
; TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
; FILE REFERENCE: 5151
; CURRENT FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: Patentin version 3.2
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; ENGMENT + 606
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                                                            | TYPE: DNA
| ORGANISM: Homo sapiens
| FEATURE:
| NAME/KEY: misc_feature
| LOCATION: 1, 2, 3, 4, 5, 6, 7, 1697, 1698, 1699, 1700, 1701, 1702,
| LOCATION: 1703
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Best Local Similarity 99.4%; Pred. No. 0;
Matches 1548; Conservative 0; Mismatches
NUMBER OF SEQ ID NOS: 62232
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25877
LENGTH: 1703
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                                                                 APPLICANT: SpaceAria, Steven K.,
APPLICANT: SpaceAria, Steven K.,
APPLICANT: SpaceAria, Steven K.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Vernet, Corrine A.M.,
APPLICANT: Vernet, Corrine A.M.,
APPLICANT: Schuberin, Bryan D.,
APPLICANT: Zerhuben, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVERTION NOWEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-30
FRIOR PRILOR DATE: 2002-11-30
FRIOR PELIOR DATE: 2002-02-07
FRIOR APPLICATION NUMBER: 60/360,148
FRIOR PELING DATE: 2002-02-07
FRIOR APPLICATION NUMBER: 60/364,000
FRIOR APPLICATION NUMBER: 60/364,000
FRIOR PELING DATE: 2002-08-13
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FRIOR PELING DATE: 2002-03-13
FRIOR APPLICATION NUMBER: 60/384,27
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0; Mismatches 10;
                             Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.
  Mark E.
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APPLICANT: FREEDRIC O. DESAUVAGE
APPLICANT: FRUNETH J. HILLAN
APPLICANT: REUNETH J. HILLAN
APPLICANT: AUDREW POLSON
APPLICANT: AUDREW POLSON
APPLICANT: SERIN SMITH
APPLICANT: SERIN ZHANG
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS
FILE REFERENCE: PSO2661-09
FILE REFERENCE: PSO2661-09
FRIOR APPLICATION NUMBER: US 60/404,809
FRIOR PELING DATE: 2002-08-19
FRIOR PELING DATE: 2002-08-13
FRIOR APPLICATION NUMBER: US 60/419,008
FRIOR APPLICATION NUMBER: US 60/419,008
FRIOR APPLICATION NUMBER: US 60/419,008
FRIOR PELING DATE: 2002-10-15
FRIOR PELING DATE: 2002-10-15
FRIOR PELING DATE: 2002-11-15
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FRIOR PEL
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APPLICANT: GRETCHEN FRANTZ
APPLICANT: KENNETH J. HILLAN
APPLICANT: PAUL POLAKIS
APPLICANT: ANDREW POLSON
APPLICANT: VICTORIA SMITH
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
APPLICANT: ZEMIN ZHANG
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APPLICANT: Skinner, Michael K.
APPLICANT: Patton, Jodi L.
TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
TITLE OF INVENTION: LIPID-ASSOCIATED GENES
TITLE OF INVENTION: LIPID-ASSOCIATED GENES
CURRENT APPLICATION NUMBER: US/10/647,426
CURRENT APPLICATION NUMBER: US/09/676,052
PRIOR PILING DATE: 2003-09-28
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Ver. 2.0
ERGITH: 1043
  1295 TAAACATGTATGTAATATGCTTTCTATGAATGATGTTTGATTTTAAATATAATACATATTA 1354
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OTHER INFORMATION: The sequence of the cDNA coding for Phosphatidic OTHER INFORMATION: Acid Phosphatase type 2a
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63.7%; Score 995; DB 20; Length 1043;
Best Local Similarity 98.1%; Pred. No. 6.5e-251;
Matches 1023; Conservative 0; Mismatches 5; Indels 15
                                                                               Sequence 21, Application US/10647426
Publication No. US20040110197A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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TITLE OF INVENTION: TREATMENT OF TUMOR
TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REPEBENCE: P5026R1-US
CURRENT PFLING DATE: 2004-09-22
PRIOR APPLICATION NUMBER: US/10/643,795
PRIOR APPLICATION NUMBER: US 60/40,809
PRIOR PILING DATE: 2003-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-08-29
PRIOR PELING DATE: 2002-08-21
PRIOR PELING DATE: 2002-09-23
PRIOR PELING DATE: 2002-09-23
PRIOR PELING DATE: 2002-09-23
PRIOR PELING DATE: 2002-10-15
PRIOR PELING DATE: 2002-10-15
PRIOR PELING DATE: 2002-10-15
PRIOR PELING DATE: 2003-11-15
PRIOR PELING DATE: 2003-07-02
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                                            ; Sequence 57, Application US/10948518
; Publication No. US20050064492A1
; GENERAL INFORMATION:
                                                                                                                                                                                                  APPLICANT: FREDERIC J. DESAUVAGE
                                                                                                                                                                                                                                KENNETH J. HILLAN
PAUL POLAKIS
                                                                                                                                                                                                                                                             ANDREW POLSON
VICTORIA SMITH
SUSAN D. SPENCER
THOMAS D. WU
                                                                                                                                                                                                                    GRETCHEN FRANTZ
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                                                          Score 995, DB 21; Length 1043;
Pred. No. 6.5e-251;
0; Mismatches 5; Indels 15
                                                            Query Match
Best Local Similarity 98.1%;
Matches 1023; Conservative (
                 sapien
 ; TYPE: DNA
; ORGANISM: Homo
US-10-643-795A-57
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Best Local Similarity 98.1%; Pred. No. 6.5e-251; Matches 1023; Conservative 0; Mismatches 5; Indels 15; Gaps 1;	Qy         256         CCCGGCCCGGGCTCGATAATCAAGGCCTCGGCGTCGTCCCGCACCTCATTCCATCGC         3.15           IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Qy         316         CTTGCCGGGCAGCCCGGGCAGACCATGTTTGACAAGACGCGGCCTGCCGTACGTGGCCC         375           Db         61         CTTGCCGGGCAGAGACCATGTTTGACAAGACGCGCTGCCGTACGTGCCC         120	Qy 376 TCGAIGIGCICTGCGIGITGCCTGGAITGCCTTTTGCAATTC 420	Qy 421 TTACTTCAAGGCATACCCCCTTCCAACGAGGAGTATTCTGTAATGATGAGTCCATCAAGT 480	Qy         481 ACCCTTACAAAGAAGACACCATACCTTATGGGTTATTAGGTGGAATAATCATTCCATTCA 540           Db         241 ACCCTTACAAAGAAGACACCATACCTTATGGGTTATTAGGTGGAATAATCATTCCATTCA 300		Qy 601 ATTCCTTTATCAGAATAACTACATAGCCACTATTTACAAAGCCATTGGAACCTTTTAT 660	Oy 661 TIGGIGCAGCIGCIAGICCCIGACTGACATIGCCAAGIATICAAIAGGCAGACTGC 720	Qy 721 GGCCTCACTTCTTGGATGTTTGTGATCCAGATTGGTCAAAAATCAACTGCAGGATGGTT 780	Qy 781 ACATTGAATACTACATATGTCGAGGGAATGCAGAAAGAGTTAAGGAAGG	QY         841         TCTATTCAGCCACTCTTTCCATGTACTGCATGCTGTTTGTGGCACTTTATCTTC         900           IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Oy 901 AAGCCAGGATGAAGGAACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTG 960	OY 961 TIGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCG 1020	Qy 1021 AIGTGITGACTGGACTCATTCAGGAGCTCTGGTTGCAATATTAGTTGCTGTATATGTAT 1080	Qy 1081 CGGATTTCTTCAAAGAACTTCTTTTAAAGAAAGAAAAGA	Qy 1141 CTCTGCATGAACACCAACAACTGGGAATCACTATCCGAGCAATCACCAGCCTTGAAAGG 1200	Qy 1201 CAGCAGGTGCCCAGGTGAAGCTGGCCTGTTTTCTAAAGGAAAATGATTGCCACAAGGCA 1260	Oy 1261 AGAGGATGCATTTCTTCCTGG 1283
	OY 601 ATTCTTTATCAGAATAACTACATAGCCACTATTACAAAGCCATGGAACCTTTTTAT 660 	OY 661 TTGGTGCAGCTGCTAGTCGACTGACTGACTAGCCAAGTATTCAATAGGCAGACTGC 720	OY 721 GGCCTCACTICTTGGATGTTTGTGATCCAGATTGGTCAAAATCAACTGCAGCGATGGTT 780	OY 781 ACATTGAATACTACATATGTCGAGGGAATGCAGAAAGAGTTAAGGAAGG	OY 841 TCTATTCAGGCCACTCTTCGTTTTCCATGTACTGCATGCTGTTTGTGGCACTTTATCTTC 900	QY 901 AAGCCAGATGAAGGAGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTG 960	OY 961 TIGCCGTAICCATTIAGGGCCTTTCTCGAGTTTCTGATTAIAAACACCACTGGAGCG 1020	Qy 1021 ATGTGTTGACTGGACTCATTCAGGGAGCTCTGGTTGCAATATTAGTTGCTGTATATGTAT 1080	Qy 1081 CGGATTTCTTCAAAGAACTTCTTTAAAGAAGAAAAGAGGAGGACTCTCATACAA 1140 	QY 1141 CTCTGCATGAAACACCAACAACTCACTATCCGAGCAATCACCAGCCTTGAAAGG 1200	QY         1201         CAGCAGGGTGCCCAGGTGAAGCTGGCTTTTCTAAAGGAAAATGATTGCCACAAGGCA         1260           DD         961         CAGCAGGGTGCCCCAGGTGTTTTCTAAAGGAAAATGATTGCCACAAGGCA         1020	Qy       1261 AGAGGATGCATCTTCTTCCTGG 1283         Db       1021 AGAGGATGCATCTTTCTTCCTGG 1043	RESULT 7 US-10-956-157-1105 . Sequence 1105 and ication HeV10066157	Publication No. US20050118625A1 GENERAL INFORMATION: APPLICANT: Wyeth	TITLE OF INVENTION: MUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES FILLE REPERENCE: 031896-043100 (AM 101081) CHERRY APPLICATION WIMPED: 16/10/066 16/	•	່ ຍ	US-10-936-12/-11US Query Match 63.7%; Score 995; DB 22; Length 1043;

9

Gaps

Indels 152; Length 1096;

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336 GAGACCATGTTTGACAAGACGCGGCTGCCGTACGTGCCCTCGATGTGCTCTGCGTGTTG 395
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                                                                                                                                                                                               59.2%; Score 926; DB 19;
87.4%; Pred. No. 9.9e-233;
ative 0; Mismatches 5;
                                                                                                                                                                                               Query Match
Best Local Similarity 87.49
Matches 1091; Conservative
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                                                                       ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (344)..(1006)
US-10-287-226-345
                            TYPE: DNA
ORGANISM: Homo sapiens
     LENGTH: 1096
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1021 AGAGGATGCATCTTTCTTCCTGG 1043
                                                                                                             Sequence 345, Application US/10287226
Publication No. US20040086875A1
GREBAL INFORMATION:
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Shlomit R.,
APPLICANT: Edinger, Shlomit R.,
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Rastelli, Luca,
Rieger, Daniel K.,
Schenov, Suresh G.,
Spaderna, Steven K.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
Zerhusen, Bryan D.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
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Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
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Kekuda, Ramesh,
Khramtsov, Nikolai,
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                           185 TATTAGGTGGAATAGTCATTCCATTCTGTATTATCGTTATGATTACTGGAAGAAACTCTGT 244
                                                                                                                                                                  TITACAAAGCCGTIGGAGCCTTITIGTITGGAGCCTCAGCCAGTCAGTCCCTGACTGACA 364
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                                                                                               CIGITIACITIAAIGICIIGCAITCAAAITCCITIGICAGCAATCACTAIAAGCCACCA 304
                                                                                                                                              TITACAAAGCCATIGGAACCITITIATITIGGIGCAGCIGCIAGICAGICCCIGACTGACA 693
                                                                                                                                                                                                                    TTGCCAAGTATTCAATAGGCAGACTGCGGCCTCACTTCTTGGATGTTTGTGATCCAGATT 753
                                                                                                                                                                                                                                      GGTCAAAAATCAACTGCAGCGATGGTTACATTGAATACTACATATGTCGAGGGAATGCAG 813
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                                                                          CTGTTTACTGTAACCTTTTGCACTCAAATTCCTTTATCAGGAATAACTACATAGCCACTA
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| US-10-12-134-1795, Application US/10152319A
| Publication No. US20040072160A1
| GENERAL INPORMATION:
| APPLICANT: Mendrick, Donna
| APPLICANT: Mark
| APPLICANT: Porter, Mark
| APPLICANT: Gaetle, Arthur
| APPLICANT: Caetle, Arthur
| APPLICANT: Caetle, Arthur
| TITLE OF INVENTION: Molecular Toxicology Modeling
| TITLE OF INVENTION: Molecular Toxicology Modeling
| TITLE OF INVENTION: Molecular Toxicology Modeling
| TITLE OF INVENTION: Wolecular Toxicology Modeling
| TITLE OF INVENTION: WOBER: US/10/152,319A
| CURRENT APPLICATION NUMBER: US 60/292,335
| PRIOR FILING DATE: 2001-05-12
| PRIOR PELICATION NUMBER: US 60/299,925
| PRIOR FILING DATE: 2001-06-13
| PRIOR FILING DATE: 2001-06-13
| PRIOR FILING DATE: 2001-06-19
| PRIOR PAPLICATION NUMBER: US 60/303,810
| PRIOR PAPLICATION NUMBER: US 60/303,810
| PRIOR PAPLICATION NUMBER: US 60/303,807
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809 TCTGATTATAAACACCACTGGAGCGATGTGTTGTGGACTCATTCAGGGAGCTCTGGTT
                                                                                                                        1056 GCAATATTAGTTGCTGTATATGTATCGGATTTCTTCAAAGAAGAACTTCTTTAAAGAA
                                                                                                                                            1116 AGAAAAGAGGAGGACTCTCATACAACTCTGCATGAAACACCCAACAACAGGGAATCACTAT
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                                                      TCTGATTATAAACACCACTGGAGCGATGTTGACTGGACTCATTCAGGGAGCTCTGGTT
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                                                                                                                                                                                                                                                                                                                                       Length 871;
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40.6%; Score 635; DB 18;
Best Local Similarity 84.9%; Pred. No. 3.7e-156;
Matches 736; Conservative 0; Mismatches 125;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 154, Application US/10191803; Publication No. US20040014040A1; GENERAL INFORMATION:
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US-10-191-803-154
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GGAGCTCCTGGTTGCAATATTAGTTGCTGTATATGTATCGGATTTCTTCAAAGAAGAACT 420
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                                                                                                                                1174 ATCCGAGCAATCACCAGCCTTGAAAGG 1200
                                                                                                                                                           ACGCAAGGAATCACGAGCCCTGAAGGG
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US-10-956-157-6340
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Best Local Similarity
Matches 600; Conserv
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US-10-956-157-6340
                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 6340
LENGTH: 600
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                                                                                                                                                                                                                                                                                                          Query Match
40.6%; Score 635; DB 19;
Best Local Similarity 84.9%; Pred. No. 3.7e-156;
Matches 736; Conservative 0; Mismatches 125;
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/303,808
PRIOR PILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/315,047
PRIOR PILING DATE: 2001-08-28
PRIOR PILING DATE: 2001-08-28
PRIOR PLING DATE: 2001-09-27
PRIOR PILING DATE: 2001-01-01
PRIOR FILING DATE: 2001-11-01
PRIOR FILING DATE: 2001-11-01
PRIOR FILING DATE: 2001-11-01
PRIOR FILING DATE: 2001-11-01
PRIOR FILING DATE: 2001-11-03
PRIOR FILING DATE: 2001-11-03
PRIOR FILING DATE: 2001-11-0-22
Remaining Prior Application data removed - S
SOFTWARE: PatentIn Ver. 2.1
SSOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Genbank Accession No. US-10-152-319A-1795
                                                                                                                                                                                                                                       ORGANISM: Rattus norvegicus
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Publication No. US20050118625A1
GENERAL INFORMATION:
APPLICANT: Wyeth
TITLE OF INVENTION: NUCLEE ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITTLE OF INVENTION: HUMAN OSTEOARTHITIS AND HUMAN PROTEASES
FILE REPERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT PILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: Patentin version 3.2
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RESULT 14
US-10-956-157-4623/c
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                                                                                  Sequence 2825, Application US/10696639
Publication No. US2005003743941
GENERAL INFORMATION:
APPLICANT: Bourner, Maureen J.
TITLE OF INVENTION: DELERENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
TITLE OF INVENTION: DELERENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
TITLE OF INVENTION: DELERENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
TITLE OF INVENTION: DELEVENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE
FILE OF INVENTION: DOLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME
CURRENT FILING DATE: 2003-10-29
FRIOR PRIOR FILING DATE: 2003-10-29
NUMBER OF SEQ ID NOS: 3114
SEQ ID NO 2825
LENGTH: 486
1005
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Pred. No. 2.2e-116;
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Best Local Similarity 99.6%;
Matches 484; Conservative (
                                                                                                                                                                                                                                                                                                                            FEATURE:

NAME/KEY: misc_feature

LOCALION: (240)...(240)

OTHER INFORMATION: n=unknown
US-10-696-639-2825
                                                                                                                                                                                                                                                                                                               ORGANISM: homo sapiens
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                                                                           US-10-696-639-2825/c
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Sequence 9858, Application US/10956157

Publication No. US20050118625A1

GENERAL INFORMATION:
APPLICANT: Wyeth
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WIT TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
FILE REPERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT APPLICATION NUMBER: US/10/956,157
CURRENT PILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: PATENTING DATE: 2004-10-04
SOFTWARE: PATENTING DATE: 2004-10-04
SOFTWARE: PATENTING DATE: 2004-10-04
SOFTWARE: PATENTING DATE: 2004-10-04
LENGTH: 1400
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Publication No. US20050118625A1
GENERAL INFORMATION:
APPLICANT: Wyeth
Hounts, William
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WIT:
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; ORGANISM: Homo sapiens
US-10-956-157-9858
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Length 26197

sapiens

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; ORGANISM: Homo
US-09-764-847-1965
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| Sequence 1965, Application US/09764847
| Patent No. US20020132767A1
| GENERAL INFORMATION:
| APPLICANT: Rosen et al.
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
| TILE REFERENCE: PC009
| CURRENT FILING DATE: 2001-01-17
| CURRENT FILING DATE: 2001-01-17
| Frior application data removed - consult PALM or file wrapper
| NUMBER OF SEQ ID NOS: 2003
| SEQ ID NO 1965
| LENGTH: 26197
| TYPE: DNA
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                                                                                                                                                             DB 22;
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Pred. No. 1.1e-115;
0; Mismatches 62;
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89.3%;
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Matches 520; Conservative
                                                                                                        TYPE: DNA
CORGANISM: Homo sapiens
US-10-956-157-4623
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89.3%; Pred. No. 3.4e-115;
iive 0; Mismatches 62;
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                           Best Local Similarity 89.3
Matches 520; Conservative
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Query Match
Best Local Similarity 99.3%;
Matches 1304; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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LIBRARY: BLADNOTO6
CLONE: 1719418
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                                                                                                                               November 11, 2005, 06:34:39 ; Search time 271.717 Seconds
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
         GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-439-313-456
US-09-636-215-456
US-09-685-166A-456
US-09-675-143-456
US-09-759-143-456
US-09-759-143-456
US-09-759-143-316
US-09-352-616A-316
US-09-685-166A-316
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US-09-702-705-1590
US-09-736-457-1590
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-09-651-236-316
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Maximum Match 100%
Listing first 45 summaries
                                                         - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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Match Length
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Score 1298.6; Pred. No. 0; 0; Mismatches

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Best Local Similarity
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LENGTH: 231
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                                 TCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTG
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ATGAAGGGAGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTGTTGCCGTA
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Best Local Similarity 56.6%; Pred. No. 1.5e-49;
Matches 442; Conservative 0; Mismatches 333;
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; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
                                                                                                                                                                                                                                                                                                                     TTCAAAGAAAGAACTTCTTTTAAAGA 1117
                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                          9.7%; Score 151.8; DB 4; Length 231; 79.3%; Pred. No. 4.2e-32;
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CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILLING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 456
LENGTH: 231
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0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: FastSEQ for Windows Version 3.0
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Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
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Skeiky, Yasir A.W.
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Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 79.3
Matches 180; Conservative
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                                                                                                                                                                                                           ORGANISM: Homo sapiens
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US-09-685-166A-456
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                             Sequence 456, Application US/09352616A

Parent No. 6395278

GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Alang, Yuqui
APPLICANT: Xu, Jiang, Yuqui
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: COMPOUNDS FOR THEIR USE
FILE REFERENCE: 210121.427C8
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT PILLING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
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79.3%; Pred. No. 4.2e-32;
tive 0; Mismatches 47
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Patent No. 6620922
GENERAL INFORMATION:
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Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
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Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 79.3'
Matches 180; Conservative
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Retter, Marc W.
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ORGANISM: Homo sapiens
                                                                                                                                         RESULT 5
US-09-352-616A-456
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LENGTH: 231
                                    629
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APPLICANT:
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Application US/09759143
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LENGTH: 231
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5 CAGGTACCCTTACAAAGAAGACACCATACCTTATGCGTTATTAGGTGGAATAATCATTCC 64
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APPLICANT: Li, Samuel
APPLICANT: William
APPLICANT: Wasir A. W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427020
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT APPLICATION NUMBER: US/09/679,426
CURRENT FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 895
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79.3%; Pred. No. 4.2e-32;
live 0; Mismatches 47
                                                                                                                                                                                                                                                             Application US/09679426
                                                                                                                                                                                                                                                                                                       Xu, Jiangchun
Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
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Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
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Best Local Similarity 79.33
Matches 180; Conservative
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; ORGANISM: Homo sapiens
US-09-679-426-456
                                                                                                                                                                                                                                                          Sequence 456, Applicat
Patent No. 6759515
GENERAL INFORMATION:
APPLICANT: Xu, Jiang
APPLICANT: Dillon, D
APPLICANT: Mitcham,
APPLICANT: Halocker,
APPLICANT: Jiang, Yu
                                                                                                                                                                                                                                              US-09-679-426-456
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LENGTH: 231
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APPLICANT:
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RESULT 9 US-09-759-143-456

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479 CAACTATCCGTACCATGACAGTACCGCCGCATCCACTGTCCTCATCCTAGTGGGGGTTGG 538
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C23
CURRENT APPLICATION NUMBER: US/09/759,143
CURRENT FILING DATE: 2001-01-12
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79.3%; Pred. No. 4.2e-32;
tive 0; Mismatches 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FastSEQ for Windows Version 3.0
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; Sequence 456, Application US/09651236
; Patent No. 6818751
; GENERAL INFORMATION:
INFORMATION:
ANT: XU, Jiangchun
ANT: Dillon, Davin C.
ANT: Dillon, Jennifer L.
ANT: Harlocker, Susan L.
ANT: Handerson, Robert A.
ANT: Ralos, Michael D.
ANT: Ralos, Michael D.
ANT: Ralos, John A.
ANT: Stolk, John A.
ANT: Stolk, John A.
ANT: OBAY, Craig H.
ANT: Vedvick, Thomas S.
ANT: Carter, Darrick
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Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Fanger, Gary R.
Retter, Marc W.
Stolk, John A.
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Vedvick, Thomas S.
Carter, Darrick
Li, Samuel
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Best Local Similarity 79.3
Matches 180; Conservative
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Sequence 316, Application US/09352616A
Patent No. 6395278
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Best Local Similarity 100.0
Matches 151; Conservative
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ORGANISM: Homo sapien
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Best Local Similarity
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LENGTH: 151
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APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Heplat, William
APPLICANT: Heplat, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
CURRENT FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 865
SOFTWARE: FastSEQ for Windows Version 3.0
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GENERAL INFORMATION.
APPLICANT: Witcham, Janagchun
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Reade, Steven G.
APPLICANT: Retter, Mark
APPLICANT: Retter, Mark
APPLICANT: Retter, Mark
APPLICANT: Compositions of PROSTATE CANCER
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 316
LENGTH N.151
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Pred. No. 4.2e-32;
0; Mismatches 47;
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Best Local Similarity 100.0%; Pred. No. 5.4e-32;
Matches 151; Conservative 0; Mismatches 0;
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28.09-439-313-316
; Sequence 316, Application US/09439313
; Patent No. 6329508
                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 79.3%;
Matches 180, Conservative
                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-651-236-456
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CRGANISM: Homo sapien

US-09-439-313-316
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LENGTH: 231
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Sequence 116. Application US/09232149A

Patent No. 6465611

GENERAL INFORMATION:
APPLICANT: Xu. Jiangchun
APPLICANT: Mitcham, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.4276
CURRENT APPLICATION NUMBER: US/09/232,149A

CURRENT FILING DATE: 1999-01-15

NUMBER OF SEQ ID NOS: 338

SOFFWARE: FREESEQ FOR Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Harlocker, Susan Louise
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer Lynn
APPLICANT: Mitcham, Jennifer Lynn
APPLICANT: Mitcham, Jennifer Lynn
APPLICANT: Mitcham, Jennifer Lynn
APPLICANTON: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR U
CURRENT APPLICATION UNMARER: US/09/152,616A
CURRENT FILING DATE: 1999-07-13
NUMBER OF SEC ID NOS: 472
980 IGIGGCCTITCICGAGITICIGATIAIAAACACCACTGGAGCGAIGIGI
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100.0%; Pred. No. 5.4e-32;
iive 0; Mismatches 0;
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SEQ ID NO 316
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                                                                                                                                                    61 TGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGGGATGTGTTGACTGGACT 120
                                                             920 AGACTGGGCAAGACTCTTACGCCCCACACTGCAATTTGGTCTTTTTTA
                                                                                                                      980 TGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTTTGACTGGACT
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APPLICANT: Li, Samuel
APPLICANT: Hi, Samuel
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSIATE CANCER
FILE REFERENCE: 210121.4217017
CURRENT APPLICATION NUMBER: US/09/636,215
CURRENT FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 852
SOFTWARE: FastSEQ for Windows Version 3.0
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100.0%; Pred. No. 5.4e-32;
    0; Indels
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0; Mismatches
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Patent No. 6620922
GRNPDAN TOTAL
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APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Henderson, Robert A.
APPLICANT: Fanger, Yuqui
APPLICANT: Fanger, Gary R.
APPLICANT: Retter, Marc W.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Carter, Marc W.
APPLICANT: Carter, Marc W.
APPLICANT: Carter, Marc W.
APPLICANT: Li, Samuel Thomas S.
APPLICANT: Carter, Davick, Thomas S.
APPLICANT: Carter, Davick, Thomas S.
APPLICANT: Li, Samuel Trawn:
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Best Local Similarity 100.0
Matches 151, Conservative
Matches 151; Conservative
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; ORGANISM: Homo sapien
US-09-636-215-316
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US-09-685-166A-316
; Sequence 316, Application US/09685166A
; Patent No. 6630305
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun

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980 TGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCGATGTGTTGACTGGACT 1039
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APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Hepler, William
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
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100.0%; Pred. No. 5.4e-32;
iive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 210121.427C21
CURRENT APPLICATION NUMBER: US/09/685,166A
CURRENT FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 898
SOFTWARE: PASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Search completed: November 11, 2005, 16:01:44 Job time : 273.717 8ec8
                                                                         Jiang, Yuqui
Henderson, Robert A.
Kalos, Michael D.
Panger, Gary R.
Stolk, John A.
Day, Craig H.
Vedvick, Thomas S.
Carter, Darrick
Dillon, Davin C.
Mitcham, Jennifer L.
Harlocker, Susan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.
Matches 151; Conservative
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; ORGANISM: Homo sapien
US-09-685-166A-316
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Sequence 57, Appl Sequence 105, Appl Sequence 1105, Appl Sequence 1105, Appl Sequence 1265, Appl Sequence 1965, Appl Sequence 1965, Appl Sequence 1965, Appl Sequence 1966, Appl Sequence 1966, Appl Sequence 28631, Appl Sequence 28121, Appl Sequence 28121, Appl Sequence 28121, Appl Sequence 28121, Appl Sequence 31311, Appl S

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APPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: By Part Pharmaceuticals Corporation
APPLICANT: By Part Pharmaceuticals For Colon Cancer And APPLICANT: By Part Paylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE FILE REFERENCE: 5151
CURRENT APPLICATION NUMBER: US/10/764,425
CURRENT FILING DATE: 2004-01-23
PRIOR APPLICATION NUMBER: 60/442,582
NUMBER OF SEQ ID NOS: 191
SOFTWARE: PATENTIN VETSION 3.2
SEQ ID NO 61
LENGTH: 1566
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US-10-357-930-22657
US-10-357-930-22828
US-10-357-930-28683
US-10-357-930-28683
US-10-357-930-28683
US-10-357-930-3931
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US-10-357-930-3931
US-10-242-535A-40353
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US-10-085-784A-3562
US-10-085-784A-3562
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2 US-10-956-157-6340
8 US-10-191-803-154
8 US-10-191-803-154
2 US-10-956-157-9658
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3 US-10-956-157-965
5 US-10-092-157-965
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US-10-363-483A-36051
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Best Local Similarity 100.0%; Pred. No. 0;
Matches 1566; Conservative 0; Mismatches
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871
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3947
26197
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26210
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; ORGANISM: Homo sapiens
US-10-764-425-61
 US-10-764-425-61
876.2
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Sequence 25877, A
Sequence 347, App
Sequence 345, App
Sequence 21, Appl
                                                                                                                 November 11, 2005, 10:33:31 ; Search time 1368.71 Seconds (without alignments) 9461.850 Million cell updates/sec
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28: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
              GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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US-10-287-226-347
US-10-287-226-345
US-10-647-426-21
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Maximum Match 100%
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    TIGITGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGA 1124
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                                                                              GCGATGTGTTGACTGGACTCATTCAGGGAGCTCTGGTTGCAATATTAGTTGCTGTATATG
                                                 GCGATGTGTTGACTGGACTCATTCAGGGAGCTCTGGTTGCAATATTAGTTGCTGTATATG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Burges, Catherine E.,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,
APPLICANT: Chant, John S.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eisen, Andrew,
APPLICANT: Eisen, Andrew,
APPLICANT: Elsen, Andrew,
APPLICANT: Gangelli, Esha A.,
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Patturajan, Meera,
Rastelli, Luca,
Rieger, Daniel K.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles B.,
Miller, Isabelle,
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Gerlach, Valerie,
Ji, Weizhen,
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Ort, Tatiana,
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                                                                                                                  Gaps
                                                                                                                    4
                                                                       Length 1703;
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                                                                  Score 1396; DB 21;
Pred. No. 0;
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Best Local Similarity 94.3%;
Matches 1471; Conservative
OTHER INFORMATION: n
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Matches 1471;
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APPLICANT: Shenoy, Sureeh G., APPLICANT: Spaderan, Steven K., APPLICANT: Zerhuseh, Jr., Raymond J., APPLICANT: Zerhuseh, Dryan D., APPLICANT: Zerhuseh, Dryan D., APPLICANT: Janoig, Mel. APPLICANT: Janoig, J	Query Match         76.64;         Score 1199.4;         DB 19;         Length 1388;           Best Local Similarity         89.24;         Pred. No. 2.7e-306;         1;         Indels 155;         Gaps         1;           Matches 1371;         Conservative         0;         Mismatches         11;         Indels 155;         Gaps         1;           Qy         29         CogGGTAGCAACCGGGCAGCCGGGCGGGCGCTGAGGGCTAACCGGGCTGAGGGCTACAGGGCTACCGGGCCGCTCCGGGCGCTCCGGGCGCTCCGGGCGCCTCGGGCGCCTCGGGCGCCTCGGGCGCCTCGGGGGCCTCGGGCGCCTCGGGCGCCTCGGGGGCCTCGGGGGCCTCGGGGGG

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                         - See File Wrapper or PALM
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Pred. No. 9.2e-233
0; Mismatches 6
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraSequist version 0.1
SEQ ID NO 345
LENGTH: 1096
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Best Local Similarity 87.1%;
Matches 1090; Conservative
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US-10-287-226-345
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ORGANISM: Homo sapiens
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                                                                                                                                  CURRENT PELLOATION NUMBER: US/10/287,226
CURRENT PELLING DATE: 2002-11-04
PRIOR PELLING DATE: 2002-11-04
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-04
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2002-03-13
PRIOR PELING DATE: 2002-03-13
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PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-04
PRIOR FILING DATE: 2001-04
PRIOR PELING DATE: 2001-03-13
PRIOR PELING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR PELING DATE: 2001-11-28
PRIOR PELING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-28
                                                                                                                                                                                                                                                                                                                                                            Sequence 345; Application US/10287226
Publication No. US20040086875A1
GENERAL INFORMATION:
APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chaut, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Edinger, Shlomit R.,
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Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
Zerhusen, Bryan D.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Patturajan, Meera,
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Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
Khramtsov, Nikolai,
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Millet, Isabelle,
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Rothenberg, Mark E.
Shenoy, Suresh G.,
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Gangolli, Esha A.,
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Rieger, Daniel K.,
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Ort, Tatiana,
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; Sequence 57, Application US/10643795A
; Publication No. US20040241703A1
; GENERAL INFORMATION:
APPLICANT: FREDERIC J. DESAUVAGE
APPLICANT: GRETCHEN FRANTZ
; APPLICANT: FAUNEW POLSON
APPLICANT: ANDREW POLSON
; APPLICANT: ANDREW POLSON
; APPLICANT: SUSAN D. SPENCER
; APPLICANT: THOMAS D. WU
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Sequence 21, Application US/10647426

Sequence 21, Application US/10647426

PUBLication No. US20040110197A1

GENERAL INFORMATION:

APPLICANT: Skinner, Michael K.

APPLICANT: Pattern, Jodi L.

TITLE OF INVENTION: DETERMINING TUMOR CHARACTERISTICS BY

TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

TITLE OF INVENTION: LIPID-ASSOCIATED GENES

FILE REFERENCE: PATRICK RACLEMAN: EMBOL-X 252/124

CURRENT APPLICATION NUMBER: US/10/647,426

CURRENT APPLICATION NUMBER: US/09/676,052

PRIOR APPLICATION NUMBER: US/09/676,052

PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 95

SEQ ID NO 21

TENATH. 1043
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                                                                                                                                                         GTTTCTGATTATAAAACACCACTGGAGCGATGTGTTGACTGGACTCATTCAGGGAGCTCTG
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NAME/KEY: gene
LOCATION: (1)..(1043)
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                                                                                                                   TTGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTATAAACACCACTGGAGCG
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APPLICANT: RENDERIC O. DESADVAGE
APPLICANT: RENDETH J. HILLAN
APPLICANT: RENDETH J. HILLAN
APPLICANT: AUDREW POLSON
APPLICANT: AUDREW POLSON
APPLICANT: SUGAN D. SPENCER
APPLICANT: SUGAN D. SPENCER
APPLICANT: SUGAN D. SPENCER
APPLICANT: SUGAN D. SPENCER
APPLICANT: SEMIN ZHANG
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ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
ITILE OF INVENTION: COMPOSITIONS AND METHODS
FILE REFERENCE: PSO26R1-US
CURRENT APPLICATION NUMBER: US (0/404, 809)
FRIOR APPLICATION NUMBER: US (0/404, 809)
FRIOR PELING DATE: 2002-08-19
FRIOR APPLICATION NUMBER: US (0/404, 809)
FRIOR PELING DATE: 2002-09-23
FRIOR APPLICATION NUMBER: US (0/419, 008)
FRIOR PELING DATE: 2002-10-15
FRIOR APPLICATION NUMBER: US (0/419, 008)
FRIOR PILING DATE: 2002-10-15
FRIOR PELING DATE: 2003-00-10-15
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              TITLE OF INVENTION: TREATMENT OF TUNOR

CURRENT APPLICATION NUMBER: US 60/404,809

PRIOR PELING DATE: 2002-08-19

PRIOR PELING DATE: 2002-08-21

PRIOR PELING DATE: 2002-08-21

PRIOR PELING DATE: 2002-09-23

PRIOR PELING DATE: 2002-10-15

PRIOR PELING DATE: 2002-10-15

PRIOR PELING DATE: 2002-10-15

PRIOR PELING DATE: 2002-10-15

PRIOR PELING DATE: 2002-11-15

PRIOR PELING DATE: 2003-07-02

NUMBER OF SEQ ID NOS: 158

LENGTH: 1043
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Best Local Similarity 90.9%; Pred. No. 8.2e-221;
Matches 948; Conservative 0; Mismatches 83;
  ZEMIN ZHANG
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; ORGANISM: Homo sapien
US-10-643-795A-57
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APPLICANT:
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Sequence 1105, Application US/10956157

Publication No. US20050118625A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Worth

TITLE OF INVENTION: HUMAN OSTEDARTHAITIS AND HUMAN PROTEASES

TITLE OF INVENTION: HUMAN OSTEDARTHAITIS AND HUMAN PROTEASES

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT APPLICATION NUMBER: US/10/956,157

CURRENT FILING DATE: 2004-10-04

NUMBER OF SEQ ID NOS: 319805

SOFTWARE: Patentin version 3.2

SEQ ID NO 1055
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MINDER TO THE PROPERTY OF THE		ULT 9  10-956-157-6340  equence 6340, Application US/10956157  ublication No. US20050118625A1  BEREAL INFORMATION: APPLICANT: Wyeth APPLICANT: Wyeth TITLE OF INVENTION: WILLIAM TITLE OF INVENTION: HUMAN OSTEOARTHRITS A FILE REFERENCE: 031896-043000 (AM 101081) CURRENT APPLICATION NUMBER: US/10/956,157  CURRENT FILING DATE: 2004-10-04  NUMBER OF SEQ ID NOS: 319805 SOFTWARE: PatentIn version 3.2  EQ ID NO 6340  LENGTH: 600  TYPE: DNA ONGANISM: Homo sapien8	0.996-15/- ery Match st Local S tches 600 687 747 747 121 121 181 241 241 301

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PRIOR APPLICATION NUMBER: US 60/330,462
PRIOR FILING DATE: 2001-10-22
Remaining Prior Application data removed - See File Wrapper NUMBER OF SEQ ID NOS: 2221
SOFWARE: Patentin Ver. 2.1
SEQ ID NO 1795
LENGTH: 871
                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Genbank Accession No. NM_022538
US-10-152-319A-1795
                                                                                                                                                                                                                                                                                                                                                                                                        32.6%; Score 510; DB 19; 76.6%; Pred. No. 6.3e-124; iive 0; Mismatches 195;
                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Rattus norvegicus
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Matches 666; Conservative
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Best Local Similarity
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                                   ACTGCATGCTGTTTGTGGCACTTTATCTTCAAGCCAGGATGAAGGGAGACTGGGCCAAGAC
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     ACATTGCCAAGTATTCAATAGGCAGACTGCGCCCTCACTTCTTGGATGTTTGTGATCCAG
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GENERAL INFORMATION:
APPLICANT: MOTHER, MATK
APPLICANT: HOPIECH, MATK
APPLICANT: HOPIECH, MATK
APPLICANT: HOPIECH, MATH
APPLICANT: HOPIECH, MATH
APPLICANT: Elashoff, Michael
APPLICANT: Castle, Arthur
APPLICANT: Castle, Arthur
APPLICANT: Castle, Michael
TITLE OF INVERION: MODERE: US/10/152,319A
CURRENT APPLICATION NUMBER: US 60/292,335
PRIOR APPLICATION NUMBER: US 60/292,335
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR FILING DATE: 2001-06-13
PRIOR PLING DATE: 2001-06-19
PRIOR FILING DATE: 2001-06-19
PRIOR FILING DATE: 2001-07-10
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; Sequence 9858, Application US/10956157; Publication No. US20050118625A1; GENERAL INFORMATION:
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Best Local Similarity 89.3%;
Matches 520; Conservative
                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-956-157-9858
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US-10-956-157-4623/c
    US-10-956-157-9858/c
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                                                                                                 Sequence 2825, Application US/10696639

Publication No. US20050037439A1

GENERAL INPORMATION:

APPLICANT: Pharmacia Corporation

APPLICANT: Bourner, Maureen J.

TITLE OF INVENTION: DIFFRENTIALLY EXPRESSED GENES INVOLVED IN CANCER, THE

TITLE OF INVENTION: POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING THE SAME

FILE REFERENCE: 01040/1

CURRENT FILING DATE: 2003-10-29

PRIOR FILING DATE: 2002-10-29

PRIOR FILING DATE: 2002-10-29

NUMBER OF SEQ ID NOS: 3114

SEQ ID NO 2825

LENGTH: 486
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Pred. No. 4.9e-117;
0; Mismatches 2;
1174 ACTATCCGAGCAATCACCAGCCTTGAAAGG 1203
                    836 GCTACGCAAGGAATCACGAGCCCTGAAGGG
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Best Local Similarity 99.6%;
Matches 484; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
| LOCATION: (240)
| OTHER INFORMATION: n=unknown
US-10-696-639-2825
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                                                                                        .10-696-639-2825/c
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wounts, William
APPLICANT: Wounts, William
APPLICANT: Wounts, William
APPLICANT: Wounts, William
TITLE OF INVENTION: HUMAN OSTECARTHRITIS AND HUMAN PROTEASES
FILE REFERENCE: 031896-043000 (AM 101081)
CURRENT APPLICATION WUMBER: US/10/956,157
CURRENT FILING DATE: 2004-10-04
NUMBER OF SEQ ID NOS: 319805
SOFTWARE: Patentin version 3.2
SEQ ID NO 9858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4623, Application US/10956157
Publication No. US20050118625A1
GENERAL INFORMATION:
APPLICANT: Wyeth
PAPLICANT: Mounts, William
ITILE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
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Pred. No. 1.3e-116;
0; Mismatches 62; Indels
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US-09-764-847-1965
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1624 ATGAAACACAACAACAGGAATCACTATCCGAGCAATCACCAGCCTTGAAAGGAGCAGCAG 3565
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                                                                                                                                                                     DB 22; Length 3947
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Patent No. US20020132767A1

GENERAL INFORMATION:
APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009

CURRENT APPLICATION NUMBER: US/09/764,847

CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 2003

SOFTWARE: PatentIn Ver. 2.0
    PROTEASES
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 AND HUMAN
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Pred. No. 2.5e-116;
0; Mismatches 62;
TITLE OF INVENTION: HUMAN OSTEOARTHRITIS. FILE REFERENCE: 031896-043000 (AM 101061) CURRENT APPLICATION NUMBER: US/10/956,157 CURRENT FILLING DATE: 2004-10-04 NUMBER OF SEQ ID NOS: 319805 SOFTWARE: Patentin version 3.2 SEQ ID NO 4623 LENGTH: 3947
                                                                                                                                                                Query Match
Best Local Similarity 89.3%;
Matches 520; Conservative
                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
US-10-956-157-4623
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LENGTH: 26197
TYPE: DNA
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Length 26197
                                      Indels
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Score 482.8; DB 9;
Pred. No. 7.7e-116;
0; Mismatches 62;
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Query Match
Best Local Similarity 89.3%;
Matches 520; Conservative
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Sequence 2596, Ap Sequence 1119, Ap

Sequence Seq

Perfect score:

Run on:

Sequence:

Scoring table:

Searched:

Database

Sequence Sequence Sequence Sequence Sequence Sequence

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Sequence 286, Application US/09016434

Fatent No. 650038

GENERAL INFORMATION:
FAPPLICANT: Janice Au-Young
APPLICANT: Janice Au-Young
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
STREET: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15.9%; Score 217; DB 4; Length 217; 100.0%; Pred. No. 2.6e-50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk Computble Computble Computble Computble Computble Computble CORRATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2 CURRENT APPLICATION DATA: APPLICATION NATA: FILING DATE: HEREWITH
US-09-902-540-973
US-09-439-113-316
US-09-232-149A-316
US-09-636-215-316
US-09-681-16A-316
US-09-681-16A-316
US-09-679-1316
US-09-759-143-316
US-09-571-143-316
US-09-902-540-7458
US-09-902-540-721
US-09-902-540-721
US-09-016-434-301
US-09-209-668-10
US-09-209-668-10
US-09-902-540-2596
US-09-902-540-2596
US-09-902-540-2596
                                                                                                                                                                                                                                                                                                           ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: 94-0002 US
TELEPHOME: (650) 855-0555
TELEPHOME: (650) 855-1656
INFORMATION FOR SEQ ID NO: 286:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 217 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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6453
6453
6453
1304
16584
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IMMEDIATE SOURCE:
LIBRARY: PROSNOT14
CLONE: 1723675
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Best Local Similarity
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282, Arr
                                                                                                 ; Search time 236.321 Seconds (without alignments) 9430.425 Million cell updates/sec
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                                                                                                                                                                               Description
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Seguence 2
Seguence 9
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-922-035A-2
US-09-702-705-1590
US-09-702-705-1590
US-09-702-705-1590
US-09-614-1248-1590
US-09-68-824-1590
US-09-68-824-1590
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US-09-702-703-705-273
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US-09-614-1248-273
US-09-614-1248-273
US-09-658-824-273
US-09-658-824-273
US-09-614-1248-342
US-09-614-1248-342
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US-09-619-270-767-8983
US-09-270-767-8983
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US-09-902-540-9100
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                                                                                                    November 11, 2005, 06:34:39
                                                                  OM nucleic - nucleic search, using sw model
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                          IDENTITY NUC
Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                                                                                   Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length
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1112.6 1113.6 1113.6 1113.6 1113.6 1113.6 1113.6

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Result No.

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APPLICANT: Tingley, Debora W.
APPLICANT: Tingley, Debora W.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
FILE REFRENCE: PA-0024 US
CURRENT APPLICATION NUMBER: US/09/566,921
CURRENT FILING DATE: 2000-05-05
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PERL Process
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1088 GGTGGCCTGCTGCATAGTTTTCTTCGTGTCTGACCTCTTCAA 1129
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; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 117, Application US/09566921
; Patent No. 6682888
; EBERRAL INFORMATION:
; APPLICANT: Loring, Jeanne F.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 us-08-992-035A-2; Application US/08992035A; Sequence L. Application US/08992035A; Patent No. 6242179; GENERAL INFORMATION:
APPLICANT: Shah, Purvi APPLICANT: Corley, Nail C. APPLICANT: Lal, Preeti TITLE OF INVENTION: HUMAN PHOSPHATASES NUMBER OF SEQUENCES: 6 CORRESPONDENCE ADDRESS: ADDRESSE: ADDR
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OPERATING SYSTEM: DOS
SOCTWARE: FREESED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
  Mismatches
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ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0433 US
TELEPHONE: 650-855-0555
TELEPHONE: 650-855-0556
TELEPHONE: 650-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1315_Dase_pairs
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Matches 434; Conservative
  Conservative
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MEDIUM TYPE: Diskette
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STRANDEDNESS: single
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CLONE: 1719418
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                                                                                                                                                                     551 IGTGCTCTGTGCCGTGGGGATCGTCATTGCCATCCTCGCGATCATCAGGGGGAATTCTA
TTACTGCAATGATGAGGCATCAAGTACCCCACTGAAAACTGGTGAGACAATAAATGACGC
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APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121 478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FaetSEQ for Windows Version 3.0
SEQ ID NO 1590
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                                                                                                                                                                                                                                                                                                                                                                                                                          Length 434;
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8.5%; Score 115.2; DB 4; Length
Best Local Similarity 61.8%; Pred. No. 7.2e-22;
Matches 183; Conservative 0; Mismatches 113; Indels
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                                                                                                                FastSEQ for Windows Version 3.0
PILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 1590
LENGTH: 434
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                                                                                                                                                                                                                                                                                                            ; LOCATION: (1)...(434)
; OTHER INFORMATION: n = A,T,C or G
US-09-702-705-1590
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LOCATION: (1)...(434)
OTHER INFORMATION: n = A,T,C or G
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Bangur, Chaitanya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
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APPLICANT:
APPLICANT:
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                                                                                                                                                            CATGCAGCGGAGGTGGTCTTCGTGCTGCTGTGCTTTACTGGTCGCCTCCCT 137
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                                                                                                                                                                                                                                                                                                                                 503 TGAGAGCATCAAGTACCCACTGAAAACTGGTGAGACAATAAATGACGCTGTGCTCTGTGC 562
                                                                                                                                                                                                                                                                                                                                                                                                                                            563 CGTGGGGATCGTCATTGCCATCCTCGCGATCATCACGGGGGAATTCTACCGGATCTATTA 622
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                                                                                                        383 CAGCAAGCGGGTGCTGCTCATCTGCCTCTCTTCTGCCTCTTCATGGCGGGCCTCCC
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                                                            Gaps
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APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Manion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
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Length 1303;
                                                      Indels
Score 212.6; DB 4;
Pred. No. 1.2e-48;
0; Mismatches 324;
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Patent No. 6504010
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Bangur, Chaitanya S.
Lodes, Michael A.
15.6%;
                       Best Local Similarity 56.2
Matches 420; Conservative
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us-08-842-827-5.rni

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.014 ACGGGACTGTCTCGCGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTT 1073
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                                                                                  253 CTGCAGGGGCACTGGTGGCCCTCACTGTCTGCTACATCTCAGACTTCTTCAA 308
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Fan, Ligun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: COMPOSITION OF LUNG CANCER FILE REFERENCE: 210121.478C12
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
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8.5%; Score 115.2; DB 4; Length
Best Local Similarity 61.8%; Pred. No. 7.2e-22;
Matches 183; Conservative 0; Mismatches 113; Indels
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; Patent No. 6746846
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Ranger, Tom
; APPLICANT: Carter, Darrick
                                                                                                                                                                                                                                                                                     Sequence 1590, Application US/09671325
Patent No. 6667154
GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C or G
US-09-671-325-1590
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Bangur, Chaitanya S.
Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
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Mannion, Jane
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US-09-671-325-1590
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US-09-658-824-1590
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SEQ ID NO 1590
LENGTH: 434
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APPLICANT: APPLICANT: O
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                                         Gaps
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APPLICANT: Fanger, Gary
APPLICANT: Carrier
APPLICANT: Carrer, Darrick
APPLICANT: Carrer, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT FALLICATION NUMBER: US/09/614,124B
CURRENT FILIOR DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1590
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                                                                                                            834 TGCAGAGGTGATGACAGCAAAGTCCAGGAAGCCAGGAAGTCCTTCTTCT
Pred. No. 7.2e-22;
0; Mismatches 113; Indels
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Patent No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodge, Michael A.
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LOCATION: (1)...(434)
OTHER INFORMATION: n = A,T,C or G
61.8%;
                                     183; Conservative
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ORGANISM: Homo sapiens
FEATURE:
Best Local Similarity
Matches 183; Conserv
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US-09-614-124B-1590
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
FULE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
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    Pred. No. 2.1e-21;
0; Mismatches 114; Indels
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8.3%; Score 113.6; DB 4; Length
Best Local Similarity 61.5%; Pred. No. 2.1e-21;
Matches 182; Conservative 0; Mismatches 114; Indels
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Patent No. 6509448
GENERAL INFORMATION:
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Bangur, Chaitanya S.
Lodes, Michael A.
61.5%;
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
                                         182; Conservative
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ORGANISM: Homo sapien
US-09-736-457-273
    Similarity
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                    APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
SUMBER OF SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodde, Michael A.
APPLICANT: Lodde, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: DIAGNOSITIONS AND METHODS FOR
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CURRENT PEPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
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i LOCATION: (1)...(434)
i OTHER INFORMATION: n = A,T,C or G
US-09-658-824-1590
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8.5%;
Best Local Similarity 61.8%;
Matches 183; Conservative
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US-09-702-705-273
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GENERAL INFORMATION:
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LENGTH: 434
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SEQ ID NO 273
LENGTH: 472
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8.3%; Score 113.6; DB 4;
Best Local Similarity 61.5%; Pred. No. 2.1e-21;
Matches 182; Conservative 0; Mismatches 114;
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TITLE OF INVENTION: COMPOSITIONS AND METHODS
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILLING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTHARE: FastSEQ for Windows Version 3.0
SEQ ID NO 273
LENGTH: 472
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Bangur, Chaitanya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                                                                                                                                                                 , ORGANISM: Homo Bapien
US-09-671-325-273
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US-09-589-184-273
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253 CTGCAGGGGCACTGGTGGCTGCCTCACTGTCTGCTACATCTCAGACTTCTTCAA.308
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
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APPLICANT: Fanger, Gary
APPLICANT: Vorvick, Tom
APPLICANT: Vorvick, Tom
APPLICANT: Retter, Marc
APPLICANT: Marc
APPLICANT: Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
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Pred. No. 2.1e-21;
0; Mismatches 114;
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                                                                                                                                                                                                                                             Sequence 273, Application US/09614124B Patent No. 6630574 GENERAL INFORMATION:
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Best Local Similarity 61.5%;
Matches 182; Conservative
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APPLICANT: Bangur, Chaitanya
APPLICANT: Lodes, Michael A.
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73 recriroggardracrocardererrerrededererargradededededererrerred 132
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; Sequence 273, Application US/09658824
; Patent No. 6746846
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Farger, Garter, Darrick
; APPLICANT: Farter, Darrick
; APPLICANT: Farter, Darrick
; APPLICANT: Retter, Darrick
; APPLICANT: Mannion, Jane
; APPLICANT: Mannion, Jane
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TITLE OF INVENTION: LOMPOSITION CANCER
; FILE REFERENCE: 210121.478C11
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 1788
; SOUTWARE: FastESQ for Windows Version 3.0
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Patent No. 6504010
GRNERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
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US-09-658-824-273
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US-09-702-705-342
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LENGTH: 472
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                      APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannon, Jane
APPLICANT: Mannon, Jane
APPLICANT: Mannon, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSTS OF LUNG CANCER
FILE REFERENCE: 210121 478C14
CURRENT APPLICATION NUMBER: US/09/702,705
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
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LOCATION: (1)...(472)
OTHER INFORMATION: n = A,T,C or G
US-09-702-705-342
Vedvick, Tom
Carter, Darrick
Retter, Marc
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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a	Query Match	100.0	9.66	89.2	88.5	87.6
	Score	1362	1356.2	1215.4	1205	1193
	Result No.	1	7	m	4	ស

ORGANISM: Homo sapiens
FRATURE:
NAME/KEY: gene
LOCATION: (1)...(1362)
OTHER INFORMATION: The sequence of the CDNA coding for Phosphatidic
OTHER INFORMATION: Acid Phosphatase type 2B

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	RESULT 2 US-10-044-090-607 i Sequence 607, Application US/10044090 j Publication No. US20020137081A1 general INFORMATION: f APPLICANT: Olga Bandman i TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION f FILE REFREENCE: PA-0028 US CURRENT APPLICATION NUMBER: US/10/044,090 i CURRENT FILING DATE: 2002-01-09 i NUMBER OF SEQ ID NOS: 850 i SOFTWARE: PERL Program i SEQ ID NO 607 i LENGTH: 3162 i TYPE: DNA i ORGANISM: Homo saniens	PEATURE: NAME/KEY: misc feature   No. US20020137081A1 1723675CB1	201 GATTTAGGGTTGAGGGAAAGCAGGGCGCGCAGGAGAAACACCACTTCT 260     122 GCAGTTGGAGGCAGCCCCGGCTGCACTTCTAGCCGCCCCGCAGCCGGGCCGGGCCGGGCCGGGGCCGA 181
Query Match         100.0%;         Score 1362;         DB 20;         Length 1362;           Best Local Similarity         100.0%;         Pred. No. 0;         0         Indels         0;         Gaps         0;           Matches 1362;         Conservative         0;         Mismatches         0;         Indels         0;         Gaps         0;           Qy         1         GGCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGGCTCTTTCCCCTTGGACTTTAGAA         60         60         GGCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGGCTCTTTCCCCTTGGACTTTAGAA         60           Qy         61         CGATTTAGGGTTGACAGAGGAAAGCAGGGGCCCAGGAGGAGCAGAAACACCAC	QY         301 ACTACAAGTACGACAAAGCGAACGACGAGAACGACGGCGGCAGCCCGGCGCTCA 360           Db         301 ACTACAAGTACGACGATCGTCCCGGAGAGCAAGAACGGCGGCAGCCCGGCGCTCA 360           QY         361 ACAACAACCCGAGGAGGGCGCAGCAGCGGTGCTCATCTGCCTCGACCTCTTCT 420           Db         361 ACAACAACCCGAGGAGGGGGGGGGGGGTGCTGCTCATCTGCCTCGACCTCTTCT 420           CO         421 ACAACAACCCGAGGAGGGGGGGGGGGGGGGGGGGGGGG	Qy         541 TAAATGACGCTGTGCTCTGTGCGTGGGGATCGTCGTCGCGATCATCACGG 600           Db         541 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Qy         781 ACCCTGATTTGAGCCAGATGGCTGGAGGCTACATTCAGAACTACAGATGCAGG 840           Db         781 ACCCTGATTTCAGCCAGATCAACTGCTCTGAGGCTACATTCAGAACTACAGATGCAGG 840           Qy         841 GTGATGACAGCAAAGTCCAGGAAGCCTTCTTCTCTGGCCATGCCTCCTTCT           Db         841 GTGATGACAGAAAGTCCAGGAAGCCAGGAAGTCCTTCTTCTCTGGCCATGCCTCCTTCT           Qy         901 CCATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCCGCTTCATTGGCGAGGAG           Db         901 CCATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACTGGCGAGGAG           Qy         901 CCATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACACGGAGGAG           Qy         901 CCATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACACGGAGCGGAGGAG           Qy         901 CCATGTACACTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACACGGAGCGGAGGAGGAG           Qy         901 CCATGTACACTGTATTTGGTGCTATACCTGCAGGCCCGCTTCTACACGGAGCGGAGGAGGAGGAGGAGGAGGAGGCCCGCTCCTACACGGGACCTCCTACACGGAGCCCCTCCTACACGGAGCCCCGCTTCTACACGGGACGAGGAGGAGGAGGAGAGAGA

GENERAL INFORMATION:  APPLICANT: Wyeth  APPLICANT: Twine, Natalie C.  APPLICANT: Twine, Natalie C.  APPLICANT: Treptcchio, William L.  APPLICANT: Treptcchio, William L.  APPLICANT: Stover, Jenniker A.  TITLE OF INVENTION: WITHOUS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS  FILE REFERENCE: AM101080L  CURRENT FILING DATE: 2003-11-21  PRIOR PILING DATE: 2003-11-21  PRIOR PILING DATE: 2003-11-21  PRIOR PILING DATE: 2003-11-21  NUMBER OF SEC ID NOS: 4904  SOFTWARE: Patentin version 3.2  LENGTH: 1445  ILNGTH: 1445  CUS-10-717-597-65	Query Match 89.2%; Score 1215.4; DB 20; Length 1445; Best Local Similarity 95.0%; Pred. No. 0; Mismatches 1; Indels 67; Gaps 1	Qy 2 GCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGCCTTTCCCCTTGGACTTTAGAAC 61	Oy         62         GATTTAGGGTTGACAGAGGAAAGCAGAGGGGCGCGCAGGAGGAGGAGCAAAAACACCAC	Qy         122 GCAGTTGGAGGCAGGCCCGGGTGCAGCTGCCGCCGCGCCGGGGCCGGGGCCGG           181	Qy         182 CCCGCCACTATCCGCAGCAGCCTCGGCCAGGAGCGACCCGGGCGCCTTGGTGGCT 241           Db         306CGCCTGGGTGTGTGGCT 332	Qy         242 GCTGTTGCGGGGCGCGGGGGGGGGGGGGCGCGCGCGCGC	Qy         302         CTACAAGTACGACAAAGCGATCGTCCCGGAGACAAGAACGCCGGCGCCCCGGCGCTCAA         361           Db         383         CTACAAGTACGACAAAGCGATCGTCCCGGAGAGCAAGAACGGCGGCAGCCCGGCGCTCAA         442	Qy         362 CAACAACCCGAGGAGCGCGCGCGAGCGGGTGCTGCTTCTCTCTC	Qy         422 CCTCTTCATGGGGGGCCTCCCCTTCCTCATCGAGACAAGCACCATCAAGCCTTACCA 481	Qy         482 CCGAGGGTTTTACTGCAATGATGAGGGCATCAAGTACCCCACTGAAAACTGGTGACAAT 541           D         563 CCGAGGGTTTTACTGCAATGATGAGGCATCAAGTACCCACTGAAAACTGGTGAGACAAT 622	QY         542 AAATGACGCTGTGCCGTGGGATCGTCATTGCCATCCTGGGGATCATCAGGG         601           bb         623 AAATGACGCTGTGCTCTGTGCCGTGGGATCGTCATTGCCATCCTCGCGATCATCACGGG         682	Qy         602 GGAATTCTACCGGATCTATTACCTGAAGAAGTCGCGGTCGACGATTCAGAACCCCTACGT 661
		782 CCCTGATTTCAGCCAGATCAACTGCTCTGAAGGCTACATTCAGAACTACAGATGCAGAGG 841 	842 TGATGACAGCAAAGTCCAGGAAGCCAGGAAGTCCTTCTTCTCTGGCCATGCCTCCTCTC 901	902 CATGTACACTATGCTQTATTTGGTGTATACCTGCAGGCCCGCTTCACTTGGCGAGGAGC 961 	962 CCGCCTGCTCCGGCCCCTCCTGCAGTTCACCTTGATCATGATGCCCTTCTACACGGGACT 1021 	1022 GTCTCGCGTATCAGACCACAAGCACCATCCCAGTGATCTTCTGGCAGGATTTGCTCAAGG 1081 	1082 AGCCCTGGTGGCTGCTGCATAGTTTTCTTCGTGTCTGACCTTCTAGACTAAGACGAC 1141	1142 GCTCTCCCTGCCTGCCCCTGCTATCCCGAAGGAATCCTTTCACCTGTGGACATTATTGA 1201 	1202 CAGGAACAATCACCACAACATGATGTAGGTGCCACCCCCCCC	1262 AIGACTGCTGACAGCAAGTTCTTGCTGCTCTCCAATCTCATCAGACAGTAGAATGTAGGG 1321 	1322 AAAAACTTTTGCCCGACTGATTTTAAAAAAAAAAAAA 1362 	ESULT 3 S-10-717-597-65 Sequence 65, Application US/10717597 Dublication No Insonantings 181

-09-880-107-3434  2 Duery Match  2 GGGAGCTCTGGAAAAGTTTCTGCTGGGATCTGGCTCTTTGGA  150 GCGCAGCTCTGCAAAAGTTTCTGCTCGGGATCTGGCTCTTTCGACTCTTGGACTTGGCTCTTTGGACTTGGCTCTTTGGACTTGGCTCTTGGACTTGGACTTGGACTTGGACTTGGACTTGGATCTGGATCTGGCTCTTTGGACTTGGACTTGGATCTGGATCTGGATCTTGGACTTGGACTTGGATCTGATCTGATCTGATCTGATCTGATCTGATGATCTGA	210 GAGTTGGAGGCAGGCTGCAGGAGAGCGCGCAGGAGCAGAAAACCTTCT 122 GCAGTTGAGGCAGCCCCGGCTGCACTACCTTCT 122 GCAGTTGGAGGCAGCCCCGGCTGCACTACCCGCCCCGCC	182 CCCGCCACTATCCGCAGCAGCCTCGGCCCCGGCGCCCCGGGGGCTC 241 306	302 CTACAAGTACGACAAAGCGATCCTCCCGAGAGCAAGAGGGGGGAGCCCGGCGCTCCAA 361	443 422 503	482 CCGAGGGT          563 CCGAGGGT	623 AAATGACGCTGTGCTCTGTGCGGGATCGTCATTGCCATCTGGGGATCATCGGGGGGGG	662 GGCAGCACTCTATAAGCAAGTGGGCTGCTTCCTCTTTGGCTGTGCCATCAGCCAGTCTTTTTTTT	722 CACAGACATTGCCAAAGTGTCCATAGGGCGCCCTGCGTCCTCACTTCTTGAGTGTCTGCAA	782 CCCTGATTCACCACAATCAACTGAAGGTACATCACAAGTACAAGAGG 841	902 CATGTACACTATGCTGTATTTGGTGCTATACCTGCAGGCCCGCTTCACTTGGCGAGGAGC 961	962 CCGCCTGCTCCGGCCCCTCCTGCAGTTCACCTTGATCATGATGGCCTTCTACACGGGACT 1021 
sn da d	6 6 6	8 8 8	8 8 8	4 6 4	8 8 8	3 8 8 8	8 & 8	& a	8 8 8 8	O P P	δ d
Db 743 GGCAGCACTCTATAAGCAAGTGGGCTGCTTTTGGCTGTGCCATCAGCCAGTCTTT 802  Qy 722 CACAGACATTGCCAAGTGTCCATAGGGGCCTGCGTCCTCTTGAGTGTCTGCA 781  Db 803 CACAGACATTGCCAAAGTGTCCATAGGGCGCTGCGTCCTCATTTGAGTGTCTGCAA 781  804 782 CACAGACATTCAGCCAAAGTGTCCATAGGGCGCTGCGTCCTCATTTGAGTGTCTGCAA 862  Qy 782 CCCTGATTTCAGCCAGATCAACTGCTCTGAAGGCTACATCAGAACTACAGAAGG 841  Db 863 CCCTGATTTCAGCCAGATCAACTGCTCTGAAGGCTACATTCAGAACTACAGAAGG 922	QY         842 TGATGACAGCAAAGCCAGGAAGCCTTCTTCTCTGGCCATGCCTCCTTCT         901           bb         923 TGATGACAGCAAGCCAGGAAGCCATCCTTCTTCTGGCCATGCCTTCTT         982           QY         902 CATGTACACTATTGCTGTATTTGGTCATACCTGGCCATGCCTTCCTT	CCGCCTGCTCCGCCCTCCTGCAGTTCACCTTGATCATGATGGCCTTCTACACGGGACT 102	1082 1082 1163	1203 GETCTCCCTGCCTGCTATCCGGAAGGAATCCTTTCACCTGTGGACATTATTGA 128 1202 CAGGAACAATCACAACATGATGAGGAACCCTCCTGAGCTTTTTGTAA 126 1204 CAGGAACAATCACCACAACATGATGAGGTGCCACCTCCTGAGCTGTTTTTGTAA 126	ON 1262 ATGACTGCTGACGAGTTCTTGCTGCTCCTCCACCTCCTCGAGTGTTTTGGAGAG 1342  QY 1262 ATGACTGCTGACAGCAAGTTCTTGCTGCTCCTCCATCATCAGACTGTTTTGGAG 1321	Qy         1322 AAAAACTTTTGCCCGACTGATTTTTAAAAAAAAAA 1362           Db	US-09-880-107-3434; Application US/09880107; Sequence 3434; Application US/09880107; Patent No. US20020142981A1; GENERAL INFRMATION:	APPLICANT: NOTHE, Dates 1	; FILE REFERENCE: 44921-5028-WO ; CURRENT SILICATION NUMBER: 2001-06-14 ; CURRENT FILING DATE: 2000-06-14 ; PRIOR APPLICATION NUMBER: US 60/211,379 ; PRIOR FILING DATE: 2000-06-14 ; PRIOR PELLICATION NUMBER: US 60/237,054	; NUMBER OF SEC ID NOS: 3950; SEC ID NOS: 3950; SEC ID NO 3434; ELENCHIE 1444; TYPE: NNA	ORGAN FEATU OTHER

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1081 Oy 302 C 1161 Db 403 C 1111 Oy 362 C 1221 Oy 422 C 1201 Db 523 C 1281 Oy 422 C 1281 Oy 422 C 1281 Oy 622 C 1321 Db 583 C 1341 Oy 642 A 1321 Db 643 A	1,
1022 GTCTCGCGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGG 1102 GTCTCGCGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGG 1082 AGCCTGGTGGCTGCTGCTGTTTTCTTCGTGTCTGACCTCTTCAAGACTAAGACGAC 1162 AGCCTGGTGGCTGCTGCTGTTTCTTCGTGTCTTGACTTTCAAGACTAAGACGAC 1162 AGCCTGGTGGCTGCTGCTATGTTTTCTTCGTGTCTTTGACTTAAGACGAC 1163 AGCCTGGCTGCTGCTGTATTCTTCGTGTCTTTGACTTAAGACGAC 1164 AGGAACAATCACCAGATGTTTTCTTCGTGACTTTTCACTGTGGACATTTTTGAA 1202 CAGGAACAATCACACATGATGTAGGGGCACCACCTCCTGAGCTGTTTTTTTAAA 1204 AGGAACAATCACCACAACATGATGTAGGTGCCACCCCCCCTCAGGCTGTTTTTTTT	10-15 5  10-116-802-219  10-116-802-219  ENERAL INFORMATION:  ENERGY APPLICATION NUMBER: 05/04-04  ENTOR ENTING DATE: 2000-04-04  ENTOR ENTING DATE: 2001-04-04  ENTORE PERIOD AND: 159  SOFTWARE: PRIL Program  ENGINE: 1004  SOFTWARE: PRIL Program  ENGANISH: Home sapiens  FRANCH: 1397  TYPE: DNA  ONGANISH: Home sapiens  FRANCH: 1397  TYPE: DNA  ONGANISH: Home sapiens  ENGANISH: Home sapiens  FRANCH: 1397  TYPE: DNA  ONGANISH: Home sapiens  ENGANISH: Home sapiens  FRANCH: 1397  TYPE: DNA  ONGANISH: Home sapiens  OTHER INFORMATION: Incyte ID No: 010796.18  10-116-802-219  ast Local Similarity 95.04; Pred. No. 0;  AST TAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG

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721 CAGGAGGGAGATCCTGTCTCCCGTGGACATCATCGACAGGACAATCACCATAACATGGT 780
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                                   541 GITCACTTTGCTCATGATGCCCTTCTACACGGGATTGTCACGGGTATCTGACTACAAGCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       833 CTGCTCTCCGATCTCATCAGACAGTAGAATGTAGGGAAAAGCTTTTGCCCCGATGGATTTT
GTTCACCTTGATCATGATGGCCTTCTACACGGGACTGTCTCGCGTATCAGACCACAAGCA
                                                                                                                                                                    601 TCATCCTAGCGATGTCCTGGCAGGATTTGCCCAAGGAGCTCTGGTGGCCTGCTGCTAGT
                                                                                                                                                                                                                                              1166 CCGGAAGGAAATCCTTTCACCTGTGGACATTATTGACAGGAACAATCACCACACATGAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1226 GTAGGTGCCACCCACCTCCTGAGCTGTTTTTGTAAAATGACTGCTGACAGCAAGTTCTTG
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44.9%; Score 612.2; DB 19; Length 804;
Best Local Similarity 85.1%; Pred. No. 3e-176;
Matches 684; Conservative 0; Mismatches 117; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION. Apoptosis-Inducing DNA Sequences FILE REFERENCE: 2923-0133;
FILE REFERENCE: 2923-0133;
CURRENT APPLICATION NUMBER: US/10/332,859
CURRENT FILING DATE: 2003-01-14
PRIOR APPLICATION NUMBER: PCT/EP01/08170
PRIOR FILING DATE: 2001-07-13
NUMBER OF SEQ ID NOS: 355
SOFTWARE: Patentin version 3.2
; TENAME: Patentin version 3.2
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: LOCATION: (125).. (723)

: OTHER INFORMATION: n = any nucleotide

US-10-332-859-217
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APPLICANT: Schoenfeld, Nicole
APPLICANT: Braziulis, Erik
APPLICANT: Cramer, Ursula
APPLICANT: Gewies, Andreas
APPLICANT: Woss, Frank
APPLICANT: Mund, Thomas
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Gille, Hendrik
Klein, Matthias
Bauer, Manuel
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US-10-332-859-217
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GAAGAAGTCGCGGTCGACGATTCAGAACCCCTACGTGGCAGCACTCTATAAGCAAGTGGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AGGCCCCCCCCCCCCCCCTCCTTGAGTGTCTGCAACCCTGATTTCAGCCAAGTCAACTG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTCCGAGGCTACATTCAGANCTACAGGTGCAGAGGAGAAGNCAGCANAGTACAGGAGGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
      Sequence 31. Application US/10332859
| Publication No. US20040088746A1
| GENERAL INPORMATION:
| APPLICANT: Grimm, Stefan
| APPLICANT: Grimm, Stefan
| APPLICANT: Grimm, Stefan
| APPLICANT: Grimm, Stefan
| APPLICANT: Gramer, Usuala
| APPLICANT: Gewies, Andreas
| APPLICANT: Gewies, Andreas
| APPLICANT: Mund, Thomas
| APPLICANT: Mun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

48.1%; Score 655, DB 19;
Best Local Similarity 83.8%; Pred. No. 2.5e-189;
Matches 768; Conservative 0; Mismatches 138;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature
LOCATION: (105)..(408)
OTHER INFORMATION: n = any nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-332-859-331
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967 TGCTCCGGCCCCTCCTGCAGTTCACCTTGATCATGATGGCCTTCTACACGGGACTGTCTC 1026
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                                                                                                             Length 486;
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Sequence 2091, Application US/09878178
Sequence 2091, Application US/09878178
Sequence 2091, Application US/09878178
September No. US2002017752241
SEPEMBATION:
APPLICANT: Jana, Yuqiu
APPLICANT: Secriet, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
CURRENT FILING DATE: 2001-06-08
SOUTHER FILING DATE: 2001-06-08
SOUTHER FREESE FASTSEQ FOR WINDOWS Version 4.0
SEQ ID NO 2010
LENDING 2010
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                                                                                                        32.6%; Score 444; DB 10;
99.8%; Pred. No. 7.5e-125;
tive 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       691
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                                 or G
                               = A, T, C
                                                                                                     Query Match
Best Local Similarity 99.8<sup>3</sup>
Matches 444; Conservative
), OTHER INFORMATION: n :
US-09-918-995-31572
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US-09-878-178-2091
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US-09-878-178-2091
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TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REPRENCE: 20411-756
CURRENT PILITIG DATE: 2001-07-30
PRIOR PRILIG DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 31572
LENGTH: 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AACAATCACCACAACATGATGTAG 1229
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Publication No. US20030073623A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
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US-09-918-995-31572
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                     301 AACAATCACCACAACATGATGTAGGTGCCACCCACCTCCTGAGCTGTTTTTGTAAAATGA 360
                                                                                                                       121 GOGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGGAGCCC 180
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61 TGCTCCGGCCCTCCTGCAGTTCACCTTGATCATGATGGCCTTCTACACGGGACTGTCTC
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; Sequence 2001, Application US/10146502
; Publication No. US20030069180A1
; GABERAL INFORMATION:
APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Heather
APPLICANT: Stolk, John A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
; TITLE OF INVENTION: WINBER: US/10/146,502
; CURRENT APPLICATION NUMBER: US/10/146,502
; CURRENT APPLICATION NUMBER: 2020-05-14
; NUMBER OF SEQ ID NOS: 2241
; SOFTWARE FREESE FREESEQ for Windows Version 4.0
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US-10-146-502-2091
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US-10-146-502-2091
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LENGTH: 538
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                        GCGTATCAGACCACAAGCACCATCCCAGTGATGTTCTGGCAGGATTTGCTCAAGGAGCCC
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Publication No. US2020156011A1

GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Secrist, Heather
APPLICANT: Mang, Aijun
APPLICANT: Scrist, Heather
APPLICANT: Stolk, John A
TITLE OF INVENTION:
APPLICANT: Stolk, John A
TITLE OF INVENTION:
APPLICANT: Stolk, John A
TITLE OF INVENTION:
AND DIAGNOSIS OF COLON CANCER
TITLE OF INVENTION:
CURRENT APPLICATION UNBER: 2002-01-15
CURRENT APPLICATION UNBER: 2002-01-15
NUMBER OF SEQ ID NOS: 2239
SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 2091
LENGTH: 538
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32.4%; Score 441.8; DB 14;
Best Local Similarity 99.3%; Pred. No. 3.7e-124;
Matches 454; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-10-046-935-2091
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PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 29158
LENGTH: 437
                                                                                                                                                                                            Query Match
Best Local Similarity 99.1
Matches 433; Conservative
                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-29158
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SEQ ID NO 3210
LENGTH: 374
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31.9%; Score 434.4; DB 10; Length 490;
Best Local Similarity 99.8%; Pred. No. 6.5e-122;
Matches 435; Conservative 0; Mismatches 1; Indels 0;
                                                                                       APPLICANT: Hyeeq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 2011-756
CURRENT PILING DATE: 2001-07-30
PRIOR PLICATION NUMBER: US/09/215,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FESTESEQ for Windows Version 3.0
SEQ ID NO 29157
LENGTH: 490
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Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyeaq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
                                      Sequence 29157, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C or G
US-09-918-995-29157
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NAME/KEY: misc_feature
LOCATION: (1)...(490)
                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
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Sequence 3210, Application US/10242535A

| Publication No. US20040013663A1
| GENERAL INFORMATION:
| APPLICANT: ChondroGene Inc.
| APPLICANT: ChondroGene Inc.
| APPLICANT: Liew, C.C.
| TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
| FILE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
| FILE REPERBNES: 4231/2005
| CURRENT FILING DATE: 2002-09-12
| PRIOR APPLICATION NUMBER: US 60/305,783
| PRIOR FILING DATE: 2001-07-13
| PRIOR FILING DATE: 2001-07-13
| PRIOR FILING DATE: 2001-03-12
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         Length 437;
31.6%; Score 430.6; DB 10; Length
99.1%; Pred. No. 9e-121;
tive 0; Mismatches 4; Indels
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| Sequence 3210, Application US/10085783A | Publication No. US20040037841A1 | |
| GENERAL INFORMATION: | GENERAL INFORMATION: | APPLICANT: ChondroGene Inc. |
| APPLICANT: ChondroGene Inc. | APPLICANT: Liew, C.C. |
| TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis |
| FILE REFERENCE: 4231/2002 |
| FILE REFERENCE: 4231/2002 |
| FRICK REPERION WIMBER: US/10/085,783A |
| PRIOR APPLICATION NUMBER: US 60/35,340 |
| PRIOR APPLICATION NUMBER: US 60/275,017 |
| PRIOR APPLICATION NUMBER: US 60/271,955 |
| PRIOR FILING DATE: 2001-03-12 |
| PRIOR FILING DATE: 2001-03-28 |
| NUMBER OF SEQ ID NOS: 58994 |
| SOFTWARE: Patentin Version 3.2 |
| TENGTH: 23240 |
| TENGTH: 23440 |
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                                                                                                                            172 CCGGGGCCGACCCGCCACTATCCGCAGCAGCTCGGCCAGGAGGCGACCCGGGCGCTGG
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         DB 18; Length 374;
                                                                  Indels
                                                                  2;
   Score 358.8; DB
Pred. No. 8e-99;
0; Mismatches
      26.3%;
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Query Match
Best Local Similarity 99.2°
Matches 371; Conservative
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Best Local Similarity 99.2°
Matches 371; Conservative
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US-10-085-783A-3210
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; ORGANISM: Human
US-10-085-783A-3210
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                                                                 182 GGGCGCTCAACAACAACCCGAGGAGGAGGGCG-A-CAAGCGGGTGCTGCTGCTCTTCTGCCTCG
                                                                                                                                                                                                   472 AGCCTTACCACCGAGGCTTTTACTGCAATGATGAGAGCATCAAGTACCCACTGAAAACTG
122 CCATGCAAAACTACAAGTACGACAAAGCGATCGTCCCGGAGAGCAAGAACGGCGGCAGCC
                                       352 CGGCGCTCAACAACAACCCGAGGAGCGGCAGCAGCGGGTGCTGCTCCTCTCTGCTCG
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11662, A 28, Appl 456, App 456, App 456, App 456, App 456, App

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136 CTGCCCTTCGCTATCCTGACGCTGAACGCCCCGTACAAGCGAGGATTTTACTGCGGG 195
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Sequence 1, Appli
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                                                                                                                                                                                                    Sequence 12805,
Sequence 12664,
                                       Sequence 1162, A sequence 1662, Ap Sequence 456, Ap Sequence 456, A sequence 119, A sequence
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               Sequence
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                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Loring, Jeanne F.
APPLICANT: Loring, Debora W.
APPLICANT: Tingley, Debora W.
APPLICANT: Edwards, Carla M.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE FILE REFERRNCE: PA-0024 US
CURRENT FILING DATE: 2000-05-05
NUMBERY FILING DATE: 2000-05-05
SOFTWARE PERL PROGRAM
SEQ ID NOS: 138
SOFTWARE PERL PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 1163; DB 4; Length 1
Pred. No. 8.3e-314;
0; Mismatches 10; Indels
US-09-688-489-316
US-09-679-426-316
US-09-651-236-316
US-09-651-236-316
US-09-270-767-11662
US-09-352-616A-456
US-09-352-616A-456
US-09-685-166A-456
US-09-675-143-456
US-09-675-143-456
US-09-759-143-456
US-09-76-594-119
US-09-76-594-119
                                                                                                                                                                                                   US-09-252-991A-12805
US-09-252-991A-12664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. 6682888 202234.2
US-09-566-921-117
                                                                                                                                                                                                                                                     ALIGNMENTS
                                                                                                                                                                                                                                                                                                                ; Sequence 117, Application US/09566921; Patent No. 6682888; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 98.8%;
Matches 1214; Conservative
                                                                                                                                                              2406 44403765 4411529 666 4
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                                                                                                                                                                                                                                                                                                     US-09-566-921-117
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Sequence 273, App
Sequence 342, App
Sequence 1590, Ap
                                                                                November 11, 2005, 06:34:39; Search time 213.765 Seconds (without alignments) 9430.425 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                 Description
                                                                                                                                                                                                                                                                                                                                                                          /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/pcTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/pcTUS_COMB.seq:*
             GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-232-149A-316
US-09-636-215-316
US-09-685-166A-316
                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                          1202784 seqs, 818138359 residues
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Maximum Match 100%
Listing first 45 summaries
                                                           - nucleic search, using sw model
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Maximum DB seq length: 200000000
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Match Length
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APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
FURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 273
LENGTH: 472
                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo Bapien
US-09-702-705-273
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US-09-736-457-273
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       472;
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Query Match
Best Local Similarity 98.5%; Pred. No. 3.1e-113;
Matches 468; Conservative 0; Mismatches 4; Indels
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Wannion, Jane
APPLICANT: Wannion, Jane
APPLICANT: Wang, Aljun
ITILE OF INVENTION: DIAGNOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121478C15
CURRENT APPLICATION NUMBER: US/09/736,457
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RESULT 2
US-09-702-705-273
Sequence 273, Application US/09702705
Sequence 273, Application US/09702705
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedrick, Tom
APPLICANT: Carter, Darrick

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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478612
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ 1D NOS: 1825
SOFTWARE: FASESEQ FOR WINDOWS VERSION 3.0
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35.9%; Score 442.6; DB 4;
Best Local Similarity 98.5%; Pred. No. 3.1e-113;
Matches 468; Conservative 0; Mismatches 4;
        0; Mismatches
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; Patent No. 6667154
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Bangur, Chaitanya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
        468; Conservative
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US-09-671-325-273
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LENGTH: 472
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Warnich, Jane
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TILLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
TILLE REFERENCE: 21012.1478C9
CURRENT FILICATION NUMBER: US/09/614,124B
CURRENT FILICATION NUMBER: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 273
                                                                                                                                                                   Length 472;
                                                                                                                                                                                                         Indels
                                                                                                                                                          Ouery Match
35.9%; Score 442.6; DB 4;
Best Local Similarity 98.5%; Pred. No. 3.1e-113;
Matches 468; Conservative 0; Mismatches 4;
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Pred. No. 3.1e-113;
SEQ ID NOS: 1864
FastSEQ for Windows Version 3.0
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98.5%;
                                                                            TYPE: DNA
ORGANISM: Homo sapien
US-09-736-457-273
  NUMBER OF SEQ ID NOS:
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US-09-614-124B-273
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Best Local Similarity
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US-09-614-124B-273
                     SOFTWARE: Fae
SEQ ID NO 273
LENGTH: 472
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Pred. No. 3.1e-113;
0; Mismatches 4; Indels 3
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APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 1788
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Patent No. 6746846
PATERAL INFORMATION:
APPLICANT: Wang, Tongtong
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Bangur, Chaltanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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Best Local Similarity 98.5%;
Matches 468; Conservative (
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APPLICANT:
APPLICANT:
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CGACTCTGTTGGAAGTGGGCACGCTGCTGCGACCCACAGTCCAGTTCTTCCTGGTGGCC
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodge, Michael A.
APPLICANT: Carter, Darrick
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Warc
APPLICANT: Mannion, Jane
APPLICANT: Mann
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Best Local Similarity 98.5%; Pred. No. 3.1e-113;
Matches 468; Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 273, Application US/09589184 Patent No. 6686447
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CORGANISM: Homo sapien
US-09-589-184-273
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US-09-589-184-273
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                                                                                                                                                                                  APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Wang, Jarick
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: LOGICAL APPLICANT: Wang, AND
TITLE OF INVENTION: LOGICAL APPLICANT: Wang, AND
TITLE OF INVENTION: LOGICAL APPLICANT: NUMBER: US/09/736, 457
CURRENT APPLICATION NUMBER: US/09/736, 457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SEQ ID NO 342
SEQ ID NO 342
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                                                                                                           ; Sequence 342, Application US/09736457; Patent No. 6509448; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(472)

OTHER INFORMATION: n = A,T,C or G
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ORGANISM: Homo sapien
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US-09-614-124B-342
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361 AGCCTGTCACTGACGTTGACCCT-GGGCGAGGCTGACCACAACCACT--ATGGATACCCG 417
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                                                                                                                                                                                                Sequence 342, Application US/09702705

APPLICANT: Wang, Tongtong

APPLICANT: Fanger, Cary

APPLICANT: Panger, Gary

APPLICANT: Retter, Marrick

APPLICANT: Pan, Liqun

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

CURRENT APPLICATION NUMBER: US/09/702,705

CURRENT FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 1833

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 472
                                                  CACTCTTCTTCCTGAGGCCGGACCCGGCCGGGGAGCTGCTGTGAGTCCAG 913
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                                                                                                        CACTCCTCCTCTGAGGCCGGACCCCGGCCAGGCAGGCAGCTGCTGAGTCCAG 472
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature; CCATION: (1)...(472)
COTHER INFORMATION: n = A,T,C or US-09-702-705-342
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ORGANISM: Homo sapien
                                                  859
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RESULT 12
US-09-589-184-342
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Sequence 342, Application US/09614124B
Patent No. 6630574
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodges, Michael A.
APPLICANT: Lodges, Michael A.
APPLICANT: Panger, Gary
APPLICANT: Cary
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marr
APPLICANT: Retter, Darrick
APPLICANT: Mannion, Jane
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITIONS AND STILLE OF INVENTION: COMPOSITION OF INVENTION: 2001-07-11
MUNBER OF SEQ ID NOS: 1668
SOFTWARE FASTESEQ FOR Windows Version 3.0
LENGTH: 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 472;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 35.6%; Score 438.4; DB 4; Best Local Similarity 97.9%; Pred. No. 4.6e-112; Matches 465; Conservative 0; Mismatches 7;
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Patent No. 6667154
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chattanya S.
APPLICANT: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature

) LOCATION: (1)...(472)

) OTHER INFORMATION: n = A,T,C or G

US-09-614-124B-342
                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Homo sapien
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US-09-671-325-342
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APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILLING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472
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Patent No. 6686447
GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C or G
US-09-671-325-342
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Bangur, Chaitenya S
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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ORGANISM: Homo sapien
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APPLICANT:
APPLICANT:
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439 CTGGAGAAGGTGTGCAGGGGAAACCCTGCTGATGTCACCGAGGCCAGGTTGTCTTTCTAC 498
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APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Garter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Carter, Marc
APPLICANT: Carter, Darrick
APPLICANT: Composition, Jane
APPLICANT: Composition, Jane
APPLICANT: Pan, Ligan
APPLICANT: Pan, Ligan
APPLICANT: Pan, Ligan
APPLICANT: Pan, Ligan
APPLICANT: Wannion, Jane
APPLICANT: Pan, Ligan
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APPLICANT: Wannion, Jane
APPLICANT: Wannion
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              NUMBER OF SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 342
LENGTH: 472
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                                                                                                                                                                                                                  FEATURE:

NAME/KEY: misc_feature
LOCATION: (1)...(472)

OTHER INFORMATION: n = A,T,C or
                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                        US-09-658-824-342
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35.6%; Score 438.4; DB 4;
Best Local Similarity 97.9%; Pred. No. 4.6e-112;
Matches 465; Conservative 0; Mismatches 7;
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Patent No. 6746846

GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Fanger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FIRE REFERENCE: 210121-478211
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
TITLE OF INVENTION: COMPOSITIONS AND METHODS TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.47608 CURRENT APPLICATION NUMBER: US/09/589,184 CURRENT FILING DATE: 2000-06-05 NUMBER OF SEQ ID NOS: 827 SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 342
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; OTHER INFORMATION: n = A,T,C or G
US-09-589-184-342
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ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
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                                                                                                                              439 CTGGAGAAGGTGTGCAGGGAAACCCTGCTGATGTCACCGAGGCCAGGTTGTC
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Pred. No. 6.1e-102;
0; Mismatches 6;
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; OTHER INFORMATION: n = A,T,C or US-09-736-457-1590
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Matches 428; Conservative
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                                                                                                                                Length 434;
                                                                                                                                                            Indels
                                                                                                                            Score 402; DB 4; I
Pred. No. 6.1e-102;
O; Mismatches 6;
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Sequence 1590, Application US/09736457
Sequence 1590, Application US/09736457
Sequence 1590, Application US/09736457
Sequence 1500448
GENERAL INFORMATION
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Carter, Darrick
APPLICANT: Retter, Tom
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Pan, Liqun
APPLICANT: Pan, Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1590
             FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(434)
OTHER INFORMATION: n = A,T,C or G
US-09-702-705-1590
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                                                                                                                          Query Match 32.6%;
Best Local Similarity 97.9%;
Matches 428; Conservative
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 ORGANISM: Homo sapiens
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US-09-736-457-1590
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                       OM nucleic - nucleic search, using sw model
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Description	Sequence 25, Appl Sequence 117, App Sequence 101, App Sequence 273, App Sequence 273, App
DB ID	US-10-647-426-25 US-10-765-700-117 US-10-491-467-101 US-09-736-457-273 US-09-902-941-273
80	224 24 9 U
ength	1269 1303 1301 472 472
& Query Score Match L	97.2 94.4 90.7 35.9
Score	1198 1163 1117.4 442.6 442.6
Result No.	1 0 W 4 D

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Sequence 273, App Sequence 342, App Sequence 342, App Sequence 342, App Sequence 342, App Sequence 1590, App Seq	Sequence 2864, Ap Sequence 16564, A Sequence 16564, A Sequence 1587, A P Sequence 1795, Ap Sequence 27, Appl Sequence 57, Appl Sequence 61, Appl Sequence 61, Appl Sequence 20, Appl Sequence 219, Appl Sequence 311, Appl Sequence 311, Appl Sequence 3434, Appl Sequence 345, Appl Sequence 347, Appl Sequence 345, Appl Appl Sequence 345, Appl Appl Appl Appl Appl Appl Appl App	CHARACTERISTICS BY IBER OR EXPRESSION LEVEL OF	Phosphatidic
US-09-849-626-273 US-09-476-300-273 US-10-113-872-273 US-10-113-872-273 US-09-736-457-342 US-09-902-941-342 US-09-9476-300-342 US-09-476-300-342 US-09-476-300-342 US-09-476-300-342 US-09-756-457-1590 US-09-902-941-1590 US-09-902-941-1590 US-09-902-941-1590 US-10-113-872-1590 US-10-113-872-1590 US-10-113-872-1590 US-10-113-872-1590 US-10-113-872-1590 US-10-113-872-1590 US-09-902-941-1590 US-10-113-872-1590 US-10-113-872-1590 US-09-902-91-1590	US-10-029-386-2864 US-10-029-386-16564 US-10-696-639-1931 US-10-191-803-154 US-10-191-803-154 US-10-191-803-154 US-10-647-426-21 US-10-647-426-21 US-10-647-426-21 US-10-948-518-57 US-10-948-518-57 US-10-96-425-61 US-10-96-425-61 US-10-647-426-20 US-10-647-426-20 US-10-647-426-20 US-10-647-426-30 US-10-647-426-30 US-10-802-219 US-10-802-219 US-10-802-226-343 US-10-287-226-347 US-09-867-701-4581	SUMENTS SUMENTS RMAL COPY NUP GENES 30L-X 252/124 7,426	equence of the CDNA coding for Phosphatase type 2c
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	RESULT 2 US-10-765-700-117 i Sequence 117, Application US/10765700 j Publication No. US20050130171A1 j GENERAL INFORMATION: i APPLICANT: Tingley, Debora W. j APPLICANT: Edwards, Carla M. j TITLE OF INVENTION: GENESE EXPRESSED IN ALZHEIMER'S DISEASE j FILE REFERENCE: PA-0024 US j CURRENT APPLICATION NUMBER: US/10/765,700	CURRENT FILING DATE: 2004-01-26  FRIOR APPLICATION NUMBER: US/09/566,921  PRIOR FILING DATE: PRIORT FILING DATE: 2000-05-05  NUMBER OF SEQ ID NOS: 138  SOFTWARE: PERL Program  SEQ ID NO 117  LENGTH: 1303  TYPE: DNA  ORGANISM: Homo sapiens	NAME/KBY: misc feature   1	Db   76 ACCATGCAGGGGGGGCTCTTCGTGCTCGACGTGCTTACTGGTCGCTCC 135	181 GTCACCATCAGGCCACCATCATGCTCCAGGGAAGCCTACCTGGTTACACA 24  181 GTCACCATCAGGCCACCATCATGTCTCGGCCAGGAAGCCTACCTGGTTACACA 24  181 GTCACCATCAGGCCACCATCATGTCTCGGCCAGGGAAGCCTACCTGGTTACACA 34  241 GACCGGCTCTATTCTCGCTCGACTTCAACAACTACGTGGCTGTATACAAGGTGCTG 30  316 GACCGGCTCTATTCTCGCTCGAACTTACAACAACTACGTGGCTGTATACAAGGTGCTG 37  316 GACCGGCTCTATTCTCGCTCGAACTTACAACAACTACGTGGCTGTATACAAGGTGCTG 37	301 GGGACCTTCCTGTTTGGGGCTGCCGTGACCTGTCTGACGGCCTGGCCAAGTACATG 36 301 GGGACCTTCCTGTTTTGGGGCTGCCGTGACCAGCTGTCTGACAGGCCTGGCCAAGTACATG 36 302 GGGACCTTCTGTTTTTGGGGCTGCCGTGTGTGTTCTGACAGACCTGGCCAAGTACATG 43 303 ATTGGGCGTCTGAAGCCCAACTTCCTAGCCGTCTGGGACTGGACCGGGTCAAC 42 304 ATTGGGCGTCTGAAGCCCTCTGCGACCCCGACTGGAGCCGGGTCAAC 42 436 ATTGGGCGTCTGAGGCCCAACTTCCTAGCCGTCTGCGACCCGACTGGAGCCGGGTCAAC 49
Query Match         97.2%;         Score 1198;         DB 20;         Length 1269;           Best Local Similarity         99.4%;         Pred. No. 0;         0.         Algabeth 1269;           Matches 1224;         Conservative         0;         Mismatches         5;         Indels         3;         Gaps         2;           Qy         1 ACCATGCAGGGGGGGGGGTCTTCGTGCTGCTGCTGCTGTGCTTACTGGTCGCTCC         60         1         ACATGCAGCGGAGGTGGGTCTTCGTGCTGGTCGAGGTTACTGGTCGCTCC         60           Db         41 ACCATGCAGCGGAGGTGGTCTTCGTGTCTGCTGCTGCTGCTTACTGGTCGCTCC         100         Qy         61 CTGCCTTCGCTATCCTGGTGGTGAACGCCCGTACAGGGAGATTTACTGGGGG         120           Db         101 CTGCCTTCGTTACCTGACGCTGGTGAATACCATCACCAGGGGTTACATGGTGGG         160           Qy         121 GATGACTCCATACCGTACCGTCCAGATACCATCACCAGGGGTCATGGTGGG         180           Db         161 GATGACTCCATCCATACCGTCCCAGAGGCTCATGGCTGGGGTCATGGTGGG         180           161 GATGACTCCATCCATACCGTCCAGATACCATCACCAGGGTCATGGCTGGGG         180           161 GATGACTCCATCCATACCGTCCAGATACCATCACCACAGGGTCATGGCTGGGG         180           161 GATGACTCCATCCATACCGTCCAGATACCATCACCACAGGGTCATGGCTGGGG         180           161 GATGACTCCATCCAGATACCACACACACACACACACACAC	QY         181 GTCACCATCACGGCCACCGTCATCCTTGGCCGGGGAAGCCTACCTGGTGTACACA 240           Db         221 GTCACCATCACGGCCACCGTCATCCTTGTCTCGGCCGGGGAAGCCTACCTGGTGTACACACA 280           QY         241 GACCGGCTCTATTCTCGCTCGACTTCAACACTACGTGGCTGTATACAAGGTGCTG 300	QY         361         ATTGGGCGTCTGAAGCCCAACTTCCTAGCGACCCCGACTGGAGCCGGGTCAAC         420	521 GCCAGGTTGTCTTTCTACTCGGGACACTCTTTGGGATGTACTGCATGGTGTTCTTG 541 GCCCTGTATGTGCAGGACACTCTTTGGAAGTGGATGTACTGGATGGTGTTCTTG 541 GCGCTGTATGTGCAGGACACGACTCTTTGGAAGTGGACGCTGCTGCAGGTC 581 GCGCTGTATGTGCAGGCACGACTCTTTGGAAGTGGGCACGGCTGCTGCGAACCCACAGTC 601 CAGTTCTTCCTGGTGGCCTTTGCCCTTACGTAGGACACACCCCAGGTCTGATTACAAA 641 CAGTTCTTCCTGGTGGCCTTTGCCCTCTACGTGGCCTACACCCCGGTGTCTGATTACAAA 641 CAGTTCTTCCTGGTGGCCTTTGCCCTCTACGTGGCTACACCCGCGTGTCTGATTACAAA 641 CAGTTCTTCCTGGTGGCCTTTGCCCTCTACGTGGCTACACCCGCGTGTTTGATTACAAA	CACCACTGGAGCGATGTCCTTGTTGGCCTCCTGCAGGGGCCCTTGGTGGCTGCCTCACT	Oy 781 GAGCTGGAACGCAAGCCTGTCACTGACGTTGACCTTGACGTGGAGCGAGC	Qy         901 GCTGTGAGTCCAGCTGATGCCCAGCTGGTCCTCCAGCTTGGTTAGGCACTGAGGG 960           bb         938 GCTGTGAGTCCAGCTGATGCCCACCTCCAGCTTGGTTAGGCACTGAGGG 997           Qy         961 TTCTGGAGGGTCCAGGATGAGGGGTGAGGGGTTCCGCTCCCCTCCTGTTCGCCCCT 1020           bb         97 TTCTGGAGGGGTCCAGGAGGGGTGAGGGGTTCCGGTGCCCC 1020           C         111111111111111111111111111111111111

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APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi;
APPLICANT: RECIPON, Shirley A.; RICHARDSON, Thomas W.;
APPLICANT: SWARNAKAR, Anita; TANG, Y. Tom;
APPLICANT: THORNYON, Michael B.; TRAN, Uyen K.;
APPLICANT: THORNYON, Michael B.; TRAN, Uyen K.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YEE, Henry; ESBARADAIAN, Yeganeh
TITLE OF INVENTION: KINASES AND PHOSPHATASES
FILE REFERENCE: PF-1244 USN
CURRENT APPLICATION NUMBER: US/10/491,467
CURRENT FILING DATE: 2004-10-17
PRIOR APPLICATION NUMBER: US 60/345,474
PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-13
PRIOR FILING DATE: 2001-11-16

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90.7%; Score 1117.4;
Best Local Similarity 97.8%; Pred. No. 0;
Matches 1175; Conservative 0; Mismatches
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; OTHER INFORMATION: Incyte ID No: 7503176CB1
US-10-491-467-101
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ORGANISM: Homo sapiens
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Publication No. US20050186568A1
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; BANDMAN, Olga;
APPLICANT: BANGHN, Mariah R.; BECHA, Shanya D.;
APPLICANT: BOROWSKY, Mark L.; DUGGAN, Brendan M.;
APPLICANT: GREELING, BEROOKE M.; FORBYTHE, Ian J.;
APPLICANT: GRADHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: GRADHI, Janeire A.; GURURAJAN, Rajagopal;
APPLICANT: HAFALIA, April J.A.; KGAN, Farrah A.;
APPLICANT: LAL, Preeti G.; LEE Ernestine A.;
APPLICANT: LEE, Soo Yeun; LINDQUIST, Erika A.;
APPLICANT: U. Dyung Aina M.; LU, Yan;
APPLICANT: MARQUIS, Joseph P.; NGUYEN, Danniel B.;
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        121
        CGACTCTGTTGGAAGTGGGCACGGCTGCTGCGACCCCACAGTCCAGTTCTTCCTGGTGGCC
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GENERAL INCOMENTION:
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Warenabe, Yoshihiro
APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Renerakis, Margarita
APPLICANT: Ranger, Gary R.
APPLICANT: Panger, Gary R.
APPLICANT: Panger, Gary R.
APPLICANT: Panger, Chaitanya S.
APPLICANT: Wondab, Andria
APPLICANT: Wondab, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 21011.478C17
CURRENT PILING DATE: 2001-07-10
NUMBER OF SEQ ID NOS: 2002
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 273
LENGTH: 472
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                                                                                            Length
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                                                                                            35.9%; Score 442.6; DB 9;
98.5%; Pred. No. 3e-123;
iive 0; Mismatches 4;
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98.5%;
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Best Local Similarity 98.5
Matches 468; Conservative
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US-09-902-941-273
                  ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-736-457-273
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Best Local Similarity
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                  TGGCACGCTGCTGCGACCCACAGTCCAGTTCTTCCTGGTGGCCTTTGCCCTCTACGTG
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Fatent No. US20020168637A1
GENERAL INFORMATION
FAPLICANT: Banger, Chaitanya S.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Ligun
APPLICANT: Fan, Ligun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
CURRENT FILING DATE: 2000-12-13
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
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	Db 361 AGCTTGTCTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTT	10; Leng		11
Matches         468;         Conservative         0;         Mismatches         4;         Indels         3;         Gaps         2;           Qy         439         CTGGAGAAGTGTGCAGGGAAACCCTGCTGATGTCATTGTGTCTTTCTAC         498           Db         1         CTGGAGACACTCTTCCTTTGGGAAGTGTACTGCTGTGTCTTGGCGCTGTATGTCTTCTAC         60           Qy         499         TCGGGACACTCTTCCTTTGGGATGTACTGCATGGTGTTCTTGGCGCTGTATGTCCAGGCA         558           Db         61         TCGGGACACTCTTCCTTTGGGATGTACTGCATGGTTCTTGGCGCTGTATGTCCAGGCA         120           Qy         559         CGACTCTGTTGGAAGTGGGCACGGCTGCTGCACCCAGTCCAGTTCTTCCTGGTGGCC         618           Db         121         CGACTCTGTTGGAAGTGGGCACGGTGCTGCACCCAGTCCAGTTCTTCCTGGTGGCC         180           Qy         619         TTTGCCCTTTAGGGGACGCGCTGCTGCACCCAGTCCAGT	679 CTTGTTGGCCTCCTGCAGGGGGCACTGGTGGCTGCCTCACTGTCTCAGAC  [11	Db 418 CACTCCTCCTGAGGCCGGACCCGCAGGCAGGCTGTGAGTCCAG 472  RESULT 6  US-09-849-626-273  Sequence 273, Application US/09849626  Publication No. US2002197669A1  APPLICANT: Bangur, Chaitanya  APPLICANT: Fanger, Gary  APPLICANT: Wang, Ajun  APPLICANT: Wang, Tongtong  APPLICANT: Wang, Tongtong  APPLICANT: Switzer, Anne  APPLICANT: Wang, Tongtong  APPLICANT: Clapper, Jonathan	TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER  FILE REFERENCE: 210121.478C16  CURRENT APPLICATION NUMBER: US/09/849,626  CURRENT FILING DATE: 2001-05-03  NUMBER OF SEQ ID NOS: 1926  SEQ ID NO 273  SEQ ID NO 273  TYPE: DNA  ORGANISM: Homo sapien  US-09-849-626-273	Query Match         35.9%;         Score 442.6;         DB 9;         Length 472;           Best Local Similarity         98.5%;         Pred. No. 36-123;         Tindels         3;         Gaps         2;           Qy         439         CTGGAGAAGGTGGGGAAACCCTGCTGATGTCACCGAGGCCAGGTTGTTTTCTAC         498         1         CTGGAGAAGGTGTGGAAAACCTGCTGATGTCACCGAGGCAGGTTGTTTTTTAC         60           Qy         499         TCGGGACACTCTTTGGGAAAACCTGCTGATGGTTTCTTGGCGCTGTATGTGCAGGCA         558           P

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US-10-113-872-273
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                                            CACTCCTCCTCTGAGGCCGGACCCCCCCAGGAGGAGCTGTGTGAGTCCAG 472
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; Sequence 273, Application US/10017754
; Publication No. US20030054363A1
; GENERAL INFORMATION:
APPLICANT: Henderson, Robert A.
APPLICANT: Wang, Tongtong
; APPLICANT: Wardanbe, Yoshhiro
APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Ratter, Marc W.
APPLICANT: Ranger, Gary R.
APPLICANT: Bangur, Chaitany S.
APPLICANT: Wardanbb, Andrian
APPLICANT: Wardanbb, Andrian
TITLE OF INVENTION: Chaitany S.
APPLICANT: Marchbb, Andrian
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER OF 2001-10-29
NUMBER OF SEQ ID NOS: 2004
; SCO ID NO 273
LENGTH. 472
LENGTH. 472
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 35.9%; Score 442.6; DB 15; Length 472; Best Local Similarity 98.5%; Pred. No. 3e-123; Matches 468; Conservative 0; Mismatches 4; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-10-017-754-273
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Sequence 273, Application US/10113872
| Sequence 273, Application US20030170255A1
| GENERAL INFORMATION:
| APPLICANT: Watanabe, Yoshihiro
| APPLICANT: Henderson, Robert A.
| APPLICANT: Henderson, Robert A.
| APPLICANT: Sleath, Paul R.
| APPLICANT: Sleath, Paul R.
| APPLICANT: Carrier, Darrick
| APPLICANT: Carrier, Darrick
| APPLICANT: Carrier, Darrick
| APPLICANT: CAPPENTION: COMPOSITIONS AND METHODS FOR THE THERAPY TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 21012.478619
| CURRENT APPLICATION NUMBER: US/10/113,872
| CURRENT PRILING DATE: 2002-03-28
| NUMBER OF SEQ ID NOS: 2011
| SOFTWARE FRANCE: 2012 2011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 35.9%; Score 442.6; DB 17; Length 472; Best Local Similarity 98.5%; Pred. No. 3e-123; Matches 468; Conservative 0; Mismatches 4; Indels 3;
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US-10-283-017-273
Sequence 273, Application US/10283017
FUDICATION NO. US20030211510A1
GENERAL INFORMATION:
APPLICANT: Henderson, Robert A.
APPLICANT: Wang, Tongtong
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Kalos, Michael D.
APPLICANT: Sleath, Paul R.
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499 TCGGGACACTCTTTCTTTTGGGATGTACTGCATGCTGTTCTTGGCGCTGTATGTGCAGGCA 558
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND FILLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478615

CURRENT APPLICATION NUMBER: US/09/736,457

CURRENT FILING DATE: 2000-12-13

NUMBER OF SEQ ID NOS: 1864

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 342

LENGTH: 472
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APPLICANT: Watenabe, Yoshihiro
APPLICANT: Johnson, Jeffrey C.
APPLICANT: Better, Marc W.
APPLICANT: Retter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Thomas S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Marc W.
APP
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Patent No. US20020172952A1
GENERAL INFORMATION:
APPLICANT: Henderson, Robert A.
APPLICANT: Wang, Tongtong
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Marnerakis, Margarita
APPLICANT: Garter, Marc
APPLICANT: Garter, Darrick
APPLICANT: Garter, Darrick
APPLICANT: Ranger, Gary R.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Marnerakis, Margarita
APPLICANT: March Applicant 
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LOCATION: (1)...(472)

CTHER INFORMATION: n = A,T,C or G

US-09-736-457-342
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ORGANISM: Homo sapien
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    300
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                                                                        APPLICANT: Marc W.
APPLICANT: Durham, Margarita
APPLICANT: Durham, Margarita
APPLICANT: Carter, Darrick
APPLICANT: Gary R.
APPLICANT: Banger, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: McNabb, Andria
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478620
CURRENT APPLICATION NUMBER: US/10/283,017
CURRENT APPLICATION NUMBER: US/10/283,017
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NOS: 2157
LENGTH: 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 35.9%; Score 442.6; DB 18; Length 472; Best Local Similarity 98.5%; Pred. No. 3e-123; Matches 468; Conservative 0; Mismatches 4; Indels 3;
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Patent No. US20020168637A1
GENERAL INFORMATION:
APPLICANT: Bangur, Chaitenya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Panger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Wang, Aijun
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; ORGANISM: Homo sapiens
US-10-283-017-273
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                                                                                                                                                                       Length
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                                                                                                                                                                  Score 438.4; DB 9;
Pred. No. 5.6e-122;
0; Mismatches 7;
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; Publication No. US20030125245A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR;
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR;
; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.478C3
; CURRENT APPLICATION NUMBER: US/09/476,300
; CURRENT FILING DATE: 1999-12-30
; NUMBER OF SEQ ID NOS: 785
; SOFTWARE: FastSEQ for Windows Version 3.0
; LENGTH: 472
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// OTHER INFORMATION: n = A,T,C or G
US-09-476-300-342
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                                                                        ; LOCATION: (1)...(472)
; OTHER INFORMATION: n = A,T,C or
US-09-849-626-342
                                                                                                                                                                     Query Match
Best Local Similarity 97.9%;
Matches 465; Conservative
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                          FEATURE:
NAME/KEY: misc_feature
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ORGANISM: Homo sapien
       ORGANISM: Homo sapien
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US-09-476-300-342
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Sequence 342, Application US/09849626

GENERAL INFORMATION:
APPLICANT: Bangur, Chaitanya
APPLICANT: Fanger, Gary
APPLICANT: Wang, Tongton
APPLICANT: Chapper, Jonathan
ITTLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
ITTLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERENCE: 210121.478c16
CURRENT APPLICATION NUMBER: US/09/849,626
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 1926
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
CURRENT APPLICATION NUMBER: US/09/902,941
CURRENT FILING DATE: 2001-07-10
NUMBER OF SEQ ID NOS: 2002
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 342
LENGTH: 472
                                                                                                                                                                                                                                                            ; OTHER INFORMATION: n = A,T,C or US-09-902-941-342
                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                        FEATURE:
NAME/KEY: misc_feature
LOCATION: 109
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LENGTH: 472
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Job time : 1080.79 secs
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1. CTGGAGAAGGTGTGCAGGGAAACCCTGCTGATGTCACCGAGGCCAGGTTGTCTTTCTAC 60
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Sequence 342, Application US/10017754
Sequence 342, Application US/10017754
PUDIICATION NO. US20030054363A1
GENERAL INFORMATION:
APPLICANT: Henderson, Robert A.
APPLICANT: Wang, Tongtong
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Gatter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Carter, Marc W.
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Gary R.
APPLICANT: Carter, 
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LOCATION: 109
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RESULT 2
US-08-992-035A-3
Sequence 3, Application US/08992035A
; Patent No. 6242179
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Sequence 1, Appl
Sequence 18, Appl
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Sequence 12, Appl
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Sequence 478, Appl
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11, Appl
                                                                                                          2, 2005, 21:27:15; Search time 16.9516 Seconds (without alignments) 1215.413 Million cell updates/sec
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1 MQRRWVFVLLDVLCLLVASL.....KEEELERKPSLSLTLTLGRG
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Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-315-923-12
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Perfect score:
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No.
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Sequence 3209, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 20413, A
Sequence 4013, App
Sequence 412, App
Sequence 112, App
Sequence 1218, App
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                                                                          4759, Ap
27, Appl
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                                   Sequence 1
Sequence 5
Sequence 5
Sequence 6
Sequence 6
Sequence 7
Sequence 1
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Sequence
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                                                                                                                                                                                                                                                                                                                        APPLICANT: Lasmer, Michael
APPLICANT: Lasmer, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 1006/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
US-09-540-236-3549

US-08-18-77

US-09-919-03-6

US-08-722-001-12

US-08-722-001-12

US-09-03-568-11

US-09-03-568-11

US-09-134-00C-4759

US-09-134-00C-4759

US-09-134-00C-4759

US-09-134-00C-4759

US-09-134-01C-4013

US-09-134-01C-4013
                                                                                                                                                                                                US-08-334-698-6
                                                                                                                                                                                                                                 ALIGNMENTS
                                                                                                                                                                                                                                                                                       Sequence 54, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 56.7
Matches 153; Conservative
  TYPE: PRT
ORGANISM: Rattus sp
              -09-360-376-54
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                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 54
LENGTH: 282
 123
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YVTDFFKT-----TESNKERKEDSHTTL 267 YISDFFKARPPQHCLKEEELERKPSLSLTL 271

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66 PCIIVMSIGESLSVYFNVLHSNSFVGNPYIATIYKAVGAFLFGVSASQSLTDIAKYTIGS 125
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                                                                                                                                                                                                                                                                                                                                                      Query Match 54.6%; Score 793.5; DB 4; Length 283; Best Local Similarity 56.0%; Pred. No. 4.3e-77; Matches 150; Conservative 49; Mismatches 62; Indels 7;
APPLICANT: Lasener, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TILE REPERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskether
COMPUTER: Diskether
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSPO for Windows Version 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1., Application US/08992035A; Patent No. 6242179; GENERAL INPORMATION: APPLICANT: Shah, Purvi APPLICANT: Hillman, Jennifer L. APPLICANT: Corley, Neil C. APPLICANT: Lal, Preeti TITLE OF INVENTION: HUMAN PHOSPHATASES; NUMBER OF SEQUENCES: 6 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3: Incyte Pharmaceuticals, Inc. 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1:||||| | :| | :| 245 YVSDFFK---DTHSYKERK-EEDPHTTL 268
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US-09-360-376-53
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CITY: Palo Alto
STATE: CA
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US-08-992-035A-1
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LENGTH: 283
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                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastESEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 54.6%; Score 793.5; DB 3 Best Local Similarity 56.0%; Pred. No. 4.3e-77; Matches 150; Conservative 49; Mismatches 62
                    APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               242 YISDFFKARPPOHCLKEEELERKPSLSL 269
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US-09-360-376-53
; Sequence 53, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTOREY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTATION UNDMERE: 36,749
REFERENCE/DOCKET NUMBER: PF-04
TELECOMMUNICATION INFORMATION:
TELEFAX: 650-885-0555
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acids
TYPE: amino acid
TYPE: amino acids
                                                                                                                                                                         ADDRESSEE: Incyte Pharm
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
IMMEDIATE SOURCE:
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  GENERAL INFORMATION:
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CLONE: 1487873
US-08-992-035A-3
                                                                                                                                                                                                                                                                  USA
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                                                                                                                                                                                                                                                                  COUNTRY:
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NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749 ATTORNEY/AGENT INFORMATION:

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120 IGRIKPNFLAVCDPDWSRVNCSV-YVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVF 178
                                   67 ILVSAGEAYLVYTDRLYSRS-DFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKP 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         359 HFLXXCNPDXSXINCSXGYIXXXXCXXGNXXKVXEGRXSFXSGHSSXXFSMYXMLXXXLY 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    126 NFLAVCDPDWSRVNCSV-YVQLEKVCRGNPADVTEARLSFYSGHSS--FGMYCMVFLALY 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10 LDVLCLLVASLPFAI-LTLVNAPYKRGFYCGDDSIRYPY--RPDTITHGLMAGVTITATV 66
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Sequence 43247, Application US/09270767

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TILLE OF INVENTION:
FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 43247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                39 LDVXCXXXAGLPFXIXXXXXXXPFXRGXXCNDXSIKYPYXXXEXTIXXALLXXXXIXXXI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                183 VQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVA 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        219 LOARXXXXXARLXRPMXXFXXXXXXXXXXISRXXDYXHXXDVXXGXXXXA 272
                                                                                                                                                                                                                                                                                                                        APPLICANT: Michael W. Lassner
APPLICANT: Diane Ruezinsky
TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
TITLE OF INVENTION: 17026/00/US
CURRENT APPLICATION NUMBER: US/09/122,315C
CURRENT FILING DATE: 1998-07-24
NUMBER OF EEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
SEQ ID NO 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: entire conserved region depicted in Figure 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 323;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             28.5%; Score 413.5; DB 4; Length 41.5%; Pred. No. 4.4e-36; tive 15; Mismatches 115; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: unsure

: LOCATION: (1)..(323)

: OTHER INFORMATION: unsure at all Xaa locations

US-09-122-315C-18
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; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-43247
                                                                                                                                                                                                                                    US-09-122-315C-18
; Sequence 18, Application US/09122315C
; Datent No. 6476294
; GENERAL INFORMATION:
                                                                                                  179 LALYVQARLCWKWARLLRPT 198
                                                                                                                            210 LVLYLQARFTWRGARCSGPS 229
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 41.5% Matches 97; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       122 RLKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGWYCWFLA 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLGCALVAALTV 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                63 TATVILVSAGEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GIVIAILAIITGEFYRIYYLK-KSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVS 150
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                                                                                                                                                                                                                                                                                                                                                                                                                                       4 RWVFVLLDVLCLLVASLPFAILTLVNA-PYKRGFYCGDDSIRYPYRPDTITHGLMAGVTI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 RRWVFVLLDVLCLLVASLPFAIL-TLVNAPYKRGFYCGDDSIRYPYRP-DTITHGLMAGV 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 RLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTVTSTVLILVGV
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Patent No. 6495739

GENERAL INPORMATION:

APPLICANT: Lassener, Michael

APPLICANT: Ruczinsky, Diane

TITLE OF INVENTION:

FILE REPRENCE: 17026/01/03

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR PILING DATE: 1999-07-24

NUMBER OF SEQ ID NOS: 55

SOFFWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 33.2%; Score 483; DB 4; Length 233; Best Local Similarity 49.0%; Pred. No. 9e-44; Matches 98; Conservative 39; Mismatches 57; Indels
                                                                                                                                                                                                                                                                                                                                                  Length 285;
                                                                                                                                                                                                                                                                                                                                             53.4%; Score 776; DB 3; 58.5%; Pred. No. 3.3e-75; ive 39; Mismatches 65
         PF-0433 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     241 CYISDFFKARPPQHCLKEEE 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 245 VÝVSDFFKERTSFKERKEED 264
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 58.5%
Matches 152; Conservative
                                                                                                                                                                                                                                                      LIBRARY: BLADNOT06
CLONE: 1719418
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                                                                                                                                                                                                       linear
                                                                                                                                                                                                     TOPOLOGY: line
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US-08-992-035A-1
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LENGTH: 233
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Gaps

us-08-842-827-8.rai

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SOFTWARE: Pa
SEQ ID NO 13
LENGTH: 348
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US-09-360-376-16
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                                                                                                  GVTITATVILVSAGEAYLVYTDRLYS-------RSDFNNYVAAVYKVLGTFLF 104
                                                                                                                                                                                           170 G-ALPLTVMLVV--EFFRGQDKRLHSPFPKSTMCSGYHLCHLELPTWLVECYHRMGIFIF 226
                                                                                                                                                                                                                                  105 GAAVSQSLTDLAKYMIGRLKPNFLAVCDPDW-----SRVNCSVYVQLEKVCRGNPADV 157
                                                                                                                                                                                                                                                        158 T----EARLSFYSGHSSFGMYCMVFLALYVQARLCWKWARLLRPTVQFFLVAFALYVGY 212
                                                                                                                                                                                                                                                                                                                                     284 TSKQLKDMRLSFPSGHASFACYSMLYLVIYLHRRMQWKQLRMLCHLLQFLLLMFAWYTAL 343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60 VTITATVILVSAGEAYLVYTDRLYSRSDFNNYVAAVY----KVLGTFLFGAAVSQSLTDL 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      71 VPVYAMLL-----PLVIFIFIYFRRD------VYDLHHAVLG-LLYSVLVTAVLTDA 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            117 IKNAVĞRPRPDFFWRCFPDGK----ALYDSLGDVICHGDKSVIREGHKSFPSGHTSWSFS 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 222
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173 GLGFLSLYLSGKIQAFDGKGHVAKLC-----IVILPLLFAALVGISRVDDYWHHW 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    116 AKYMIGRLKPNFLAVCDPDWSRVNCSVYVQL-EKVCRGNPADVTEARLSFYSGHSSFGMY 174
                                                                          4 RWVF---VLLDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHG---LMA 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26 WILLVLLVLLVLLVLLVLLTHPF----YR---FVGKDMMTDLSYPLKSNTVP---IMS 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 WVFVLLDVL--CLLVASLPFAILTLVNAPYKRGFYCGDD---SIRYPYRPDTITHGLMAG 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               175 CMVFLALYVQ------ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHW
                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        70;
                                      Indels 37;
  DB 4; Length 412;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 14, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: LASENSE, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION:
FLEE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FALING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
                                        87;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 28.3%; Pred. No. 5.5e-17;
Matches 77; Conservative 44; Mismatches 81.
Query Match 27.0%; Score 392.5; DB 4 Best Local Similarity 37.1%; Pred. No. 1.1e-33; Matches 95; Conservative 37; Mismatches 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                223 QDVFAGGLLG--LAISTICYLQFF---PPPYH 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        223 SDVLVGLLOGALVAALTVCYISDFFKARPPQH 254
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SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                               344 TRVSDYKHHWSDVLAG 359
                                                                                                                                                                                                                                                                                                                                                                                         213 TRVSDYKHHWSDVLVG 228
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SEQ ID NO 14
LENGTH: 314
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US-09-360-376-14
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RESULT 9.

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118 PVYAVLLPIIVFVCFYLKRTCVY---DLH------HSILG-LLFAVLITGVITDSIKVAT 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 TITATVILVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSOSLTDLAKYMI 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         180 ALYVQ------ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25 DWLILLLLVIIDAVLNLIQ-PFHR--FVGEGMMTDLRYPLKANTIP---FWAVPIIAILL 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             168 GRPRPNFYWRCFPDGK----ELYDALGGVVCHGKAAEVKEGHKSFPSGHTSWSFAGLTFL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5 WVFVLLDVLCLLVASLPFAI-LTLVNAPYKRGFYCGDD---SIRYPYRPDTITHGLMAGV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 348;
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                                               APPLICANT: LASENDER, Michael
APPLICANT: LASENDER, Michael
APPLICANT: RUGZINEY, Diana
APPLICANT: RUGZINEY, Diana
APPLICANT: RUGZINEY, DIANA
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT FORTICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PALENTIN version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lasener, Michael
APPLICANT: Lasener, Michael
APPLICANT: Ruceinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/08
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION NUMBER: US 09/122,315
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
16.2%; Score 235.5; DB 4;
Best Local Similarity 31.0%; Pred. No. 7.2e-17;
Matches 79; Conservative 38; Mismatches 81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16.0%; Score 232.5; DB 4; 28.6%; Pred. No. 1.4e-16; tive 44; Mismatches 92;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 16, Application US/09360376; Patent No. 6495739; GENERAL INFORMATION:
Sequence 13, Application US/09360376
Patent No. 6495739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   228 GLLQGALVAALTVCY 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 28.6'
Matches 74; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        274 GALIGTLVAAF--CY
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Arabidopsis sp. US-09-360-376-13
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ORGANISM: Glycine sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     엄
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13,

Gaps

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RLKPNFLAVCDPDWSRVNCSVYVQLEK -- VCRGNPADVTEARLSFYSGHSSFGMYCMVFL 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62 ITATVILVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ALYVQ------ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66 VILVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKP 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             126 NFLAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLALYVQA 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 WVFVLLDVLCLLVASLPFAILTLVNAPYKRGFYCGDD---SIRYPYRPDTITHGLMAGVT 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26 WLILLLIVIBIVLN-----VIEPFHR--FVGEDMLTDLRYPLQDNTIP---FWAVP 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : | : | | : | : | | 22 MYDWILLLLLAVIDGLLNIIE-PFHR.-FVGKDMMTDLRYPMKGNTVPFW-----A 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 LLDVLCLLVASLPFAILTLVNAPYKRGFYCGDD---SIRYPYRPDTITHGLMAGVTITAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                             90;
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                                                                                                                                                                                                                                                                                                                                                                                             Length 290;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         91; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lasener, Michael
APPLICANT: Lasener, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC.ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US/O9/360,376
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1999-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                         15.1%; Score 219; DB 4; 27.7%; Pred. No. 3.3e-15; iive 42; Mismatches 91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             229 GAIIGLTVA--TFCYLOFF----PPPY 249
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    228 GLLQGALVAALTVCYISDFFKARPPQH 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 15, Application US/09360376; Patent No. 6495739; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 27.7'
Matches 74; Conservative
                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Arabidopsis sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 63; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-360-376-15
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                                                                                                                                                                                            SEQ ID NO 12
LENGTH: 290
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                                                                                                                                                                                                                                                                                                                             68 LVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNF 127
                                                                                                                                                              184
                                                                                                                                                                                                   -----ARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALV 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 122 RIKPNFLAVCDPD-----WSRVNCSVYVQLEKVCRGNPADVTEARLSFYSGHSSFGMY 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               197 GLGFLSLYLSGKIKAFDRKGHVAKLC-----IVFLPLLVASLVGISRVDDYWHHW 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     62 ITATVILVSAGEAYLVYTDRLYSRSDFNNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |: :|| | |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: || |: 
                                                                      :: :|| : :| | : :| | DLA---VFLVY----YPIRKD----VYDLHHAIMGLLFSVLITAVMTDAIKDAVGRPRPDF
                                                                                                                                                           LAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLALYVQ---
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
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Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        15.5%; Score 225; DB 4; 28.3%; Pred. No. 9.6e-16; ative 37; Mismatches 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SDVLVGLLQGALVAALTVCYISDFFKARPPQH 254
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITE OF INVENTION: PLANT PHOSPHATIDIC ACI
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 237 ASF--CYLQFF----PPPY 249
                                                                                                                                                                                                                                                                                                                                                                                                                    AALTVCYISDFFKARPPQH 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 28.3*
Matches 77; Conservative
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ORGANISM: Glycine sp.
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SEQ ID NO 17
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59 GVTITATVILVSAGEA-----YLVYTDRL-----YSRSDFNNYVAAVXKVLGTFLFGA 106
                                                                                                                                                                                                                                                                                                                                                                                                               118 ------KNWIGRLRPDFLDRCQPVEGLPLDTLFTAKDVCTTKNHERLLDGFRTTPS 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19 LEDVFLLI-----IMILLNYPVYYQQPFERQFYINDLTISHPYATTERVNNNMLFVYS
                                                                                                                                                                                                9 LLDVLCLLVASLPFAILTLVN-----APYKRGFYCGDDSIRYPY-RPDTITHGLM---A
                                                                                                                                                                                                                                                                                                              107 AVSQSLTDLAKYMIGRLKPNFLAVCDPDWSRVNCSVYVQLEKVCRGNPADVTEARLSFYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 167 GHSSFGMYCMVFLALYVQARLCWK--WARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSD
                                                                                                              DB 4; Length 289;
                                                                                                                                                     Indels
                                                                                                         11.0%; Score 160.5; DB 4
23.3%; Pred. No. 6.6e-09;
iive 50; Mismatches 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    228 VILGSMLGYIMA------HFFYRRIFPP 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      225 VLVGLLQGALVAALTVCYISDFFKAR--PP 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: November 2, 2005, 21:48:59 Job time : 18.9516 secs
LENGTH: 289
TYPE: PRT
ORGANISM: Saccharomyces cerevisiae
                                                                                                       Query Match
Best Local Similarity 23.3%
Matches 63; Conservative
                                                , ORGANISM: Sa
US-09-360-376-52
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APPLICANT: Keith Weinstock et al
APPLICANT: REFERENCE: 107196.132
CURRENT PRILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION WUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15661
LENGTH: 296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13;
                                                65 TVILVSAGEAYLVYTDRL--YSRSDFNNYVAAVY----KVLGTFLFGAAVSQSLTDLAKY 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         119 MIGRIKPNFLAVCDP-----DWSRVNCSVYVQLEKVCRG--NPADVTEARLSFYSGHS 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          186 RLCW--KWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYI 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                142 WIARPRPDFLERCGPAPGTPLHELVDVN-----VCTAPLGKALLIDGMKSTPSGHS 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              170 SFGMYCMVFLALYVQARLCWKWARLLRPTVQFFLVAF----ALYVGYTRVSDYKHHWSD 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 WVFVLLDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :::| ||: : :| ||: 253 IVLG---GAIGISFAWWSYHHYFNK-----LVSEE-SHKPIDSETLT 290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   225 VLVGLLQGALVAALTVCYISDPFKARPPQHCLKEEELERKPSLSLTLT 272
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Sequence 52, Application US/09360376

Sequence 52, Application US/09360376

Sequence 52, Application US/09360376

GENERAL INCORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
ITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
ILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11.3%; Score 164; DB 4; Length 296; 24.7%; Pred. No. 2.9e-09; Live 50; Mismatches 113; Indels
                                                                                                                                                                                                                                                       Sequence 15661, Application US/09248796A
Patent No. 6747137
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Les 71; Conservative
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SOFTWARE: Patentin v
                                                                                                         244 SDF 246
                                                                                                                                                  242 QFF 244
                                                                                                                                                                                                                  RESULT 14
US-09-248-796A-15661
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Matches
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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OM protein - protein search, using sw model	November 2, 2005, 21:46:06; Search time 81.8927 Seconds (without alignments) 1408.915 Million cell updates/sec	US-08-842-827-8 1453 1 MORRWVFVLLDVLCLLVASLKEEELERKPSLSLTLTLGRG 276	BLOSUM62 Gapop 10.0 , Gapext 0.5
OM protein - pro	Run on:	Title: Perfect score: Sequence:	Scoring table: P

Total number of hits satisfying chosen parameters: 1865214

1865214 seqs, 418043040 residues

Searched:

Minimum DB seq length: 0 ...
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Published Applications AA:\*

1: /cgn2\_6/ptodata/2/pubpaa/USO7\_PUBCOMB.pep:\*
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW PUB.pep:\*
3: /cgn2\_6/ptodata/2/pubpaa/USO6\_NEW PUB.pep:\*
4: /cgn2\_6/ptodata/2/pubpaa/USO6\_PUBCOMB.pep:\*
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22: /cgn2\_6/ptodata/2/pubpaa/USO0\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

	Description	Sequence 49, Appl	Sequence 157, App	Seguence 136, App	Sequence 136, App	Sequence 1, Appli	Sequence 13, Appl	Sequence 2, Appli	Sequence 346, App	Sequence 348, App	Sequence 2046, Ap	Seguence 29445, A
	ID	US-10-491-467-49	US-10-764-425-157	US-10-643-795A-136	US-10-948-518-136	US-10-655-601-1	US-10-812-238A-13	US-10-655-601-2	US-10-287-226-346	US-10-287-226-348	US-11-097-143-2046	US-10-029-386-29445
	60	18	18	16	11	16	17	16	15		20	14
	Query re Match Length DB I	274	284	289	289	285	311	311	221	221	372	89
ф	Query Match	92.7	8.95	55.8	55.8	53.4	44.8	44.7	43.9	43.9	35.6	31.9
	Score	1347	825.5	811	811	176	651	650	638.5	638.5	517.5	463
	Result No.	1	7	3	4	ın	9	7	œ	6	10	11

Sequence 750, App	e 750	equence 1499	912,	equence 4134	24018	4135	5,	6	52,	2833	2, Apr	2701, A		340,	3,	25	e 490,	125,	28,	493,		4304						396	12196		20364	7054	412
US-09-925-298-750	0-102-806-7	-11-097-143-14	1-0	1-097-143-41	7-143-24	US-11-097-143-41352	S	-760	US-10-491-467-52		-476	US-10-094-749-2701	-10-739-930-10	0-103-313-34	US-10-476-232-3	US-09-860-670-125	10-103-313-49	10-227-646-1	10-204-921-5	US-10-103-313-49	US-10-369-493-6	US-10-425-114-43		US-10-424-599-276804	US-10-106-698-	US-10		US-10-369-493-3	US-10-437-963-1219	US-10-425-115-3606	US-10-425-115-2036	US-10-425-114-705	US-10-425-114-41280
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105	0	340	4	341	334	305	321	305	318	427	292	577	319	183	187	180	180	180	326	203	318	333	322	343	220	311	309	212	369	53	310	318	324
29.9	29.9	27.8	25.8	25.5	24.4	22.3	22.1	20.4	18.6	18.2	17.5	17.5	17.2	17.1	17.1	17.0	17.0	17.0	16.8	16.2	16.1	16.0	15.7	15.2	14.9	14.8	14.7	14.6	•	14.5	14.2	14.2	14.2
434	434	403.5	4	370	355	324.5	20	297	270	265	255	254	249.5	249	248.5	247	247	247	244.5	236		232.5	228.5	221		14.	33.		급	211	206	206	206
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	32	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

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66 GIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAK 125
                                                                                                                                                         182 YVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVC 241
66 PSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6 RLPYVALDVLCVLLAGLPFAIFTSRHITSRHTPFQRGVFCNDESIKYPYKEDTIPYALLG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 118 YMIGRLKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             59 GVTITATVILVSAGEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     177 VFLALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVA
                                                                   LKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVFLAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: CEMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF TUMOR FILE OF INVENTION: TREATMENT OF TUMOR FILE OF INVENTION: TREATMENT OF TUMOR CURRENT APPLICATION NUMBER: US/10/643,795A

CURRENT APPLICATION NUMBER: US 60/404,809

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-19

PRIOR FILING DATE: 2002-08-21

PRIOR FILING DATE: 2002-08-3

PRIOR PILING DATE: 2002-09-3

PRIOR FILING DATE: 2002-09-3

PRIOR PILING DATE: 2002-09-15

PRIOR FILING DATE: 2002-10-15

PRIOR FILING DATE: 2002-11-15

PRIOR FILING DATE: 2002-11-15

PRIOR FILING DATE: 2003-07-02

NUMBER OF SEQ ID NOS: 158
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                                                                                                                                                                                                                                                                                                                                                                           US-10-643-795A-136
Sequence 136, Application US/10643795A
Publication No. US20040241703A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                             242 YISDFFKARPPQHCLKEEE 260
                                                                                                                                                                                                                                                                                        245 YVSDFFKERTSFKERKEED 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GRETCHEN FRANTZ
KENNETH J. HILLAN
PAUL POLAKIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       VICTORIA SMITH
SUSAN D. SPENCER
THOMAS D. WU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANDREW POLSON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZEMIN ZHANG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapien
US-10-643-795A-136
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APPLICANT: Eveleigh, Deepa
APPLICANT: Eveleigh, Deepa
APPLICANT: Elymood, Douglas
APPLICANT: Taylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
FILE REFERENCE: 5151
CURRENT APPLICATION NUMBER: US/10/764,425
PRIOR APPLICATION NUMBER: 60/442,582
PRIOR FILING DATE: 2004-01-23
PRIOR FILING DATE: 2003-01-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TORLYSRSDENNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLRDNFLAVCDPDWSRV 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  244
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                                                                                                                                                                                                                                                                                                                                                     Length 274;
                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                  Score 1347; DB 18;
Pred. No. 1.3e-127;
1; Mismatches 0;
                                                                                                                                                                                                                                                             ) NAME/KEY: misc feature
) OTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
                      PRIOR APPLICATION NUMBER: US 60/332,424
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PERL PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 157, Application US/10764425
Publication No. US20040146921A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 99.6%;
Matches 255; Conservative
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    FILING DATE: 2001-11-13
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; ORGANISM: Homo sapiens
US-10-764-425-157
                                                                                                                                                                                                                    ORGANISM: Homo sapiens
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                                                                                                                                                     SEQ ID NO 49
LENGTH: 274
TYPE: PRT
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Sequence 1, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
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ORGANISM: Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                              US-10-655-601-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  118 YMIGRLKPNFLAVCDPDWSRVNCS-VYVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCM 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       177 VFLALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVA 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      59 GVTITATVILVSAGEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAK 117
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                                                                                                                                                                                                                                                                                                            APPLICANT: FRENERLY J. BEANDAGE
APPLICANT: FRENERLY J. HILLAN
APPLICANT: FRENETH J. HILLAN
APPLICANT: FRENETH J. HILLAN
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: UCTORIA SMITH
APPLICANT: STENAN SERENER
APPLICANT: SERIN ZHANG
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: COMPOSITIONS OF TUMOR
FILE REFERENCE: PSOZERI-US
CURRENT APPLICATION NUMBER: US/10/643,795
FILE REFERENCE: PSOZE-09-12
FRIOR APPLICATION NUMBER: US 60/404,809
FRIOR FILING DATE: 2002-08-13
FRIOR FILING DATE: 2002-09-23
FRIOR APPLICATION NUMBER: US 60/413,192
FRIOR APPLICATION NUMBER: US 60/413,192
FRIOR APPLICATION NUMBER: US 60/413,192
FRIOR PELLING DATE: 2002-10-15
FRIOR FILING DATE: 2002-10-15
FRIOR FILING DATE: 2002-10-15
FRIOR APPLICATION NUMBER: US 60/413,192
FRIOR FILING DATE: 2002-10-15
FRIOR APPLICATION NUMBER: US 60/414,959
FRIOR APPLICATION NUMBER: US 60/426,847
FRIOR FILING DATE: 2003-07-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   55.8%; Score 811; DB 17;
59.1%; Pred. No. 2.4e-73;
tive 42; Mismatches 58;
                         237 ALTVCYISDFFKARPPQHCLKEEE 260
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                                                                        245 ILVAVÝVSDFFKERTSFKERKEED 268
                                                                                                                                                                                                            Sequence 136, Application US/10948518
Publication No. US20050064492A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                              APPLICANT: FREDERIC J. DESAUVAGE
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Best Local Similarity 59.1%
Matches 156; Conservative
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LENGTH: 289
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RESULT 5 US-10-655-601-1

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126 RLRPHFLDVCDPDWSKINCSDGYIEY-YICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 184
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APPLICANT: Feary, Mel B.
APPLICANT: Feary, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
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| Sequence 13, Application US/10812238A
| Publication No. US20050002904A1
| GENERAL INFORMATION:
| APPLICANT: Wary, Kishore, K.
| APPLICANT: Wary, Kishore, K.
| TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)
| FILE REFERENCE: D6563
| CURRENT FILING DATE: 2004-03-29
| PRIOR PILING DATE: 2003-03-27
| NUMBER OF SEQ ID NOS: 36
| SEQ ID NO 13
| LENGTH: 311
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                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 53.4%; Score 776; DB 16; Length 2 Best Local Similarity 58.5%; Pred. No. 8.2e-70; Matches 152; Conservative 39; Mismatches 65; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

44.8%; Score 651; DB 17;
Best Local Similarity 49.8%; Pred. No. 4.1e-57;
Matches 133; Conservative 48; Mismatches 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               241 CYISDFFKARPPQHCLKEEE 260
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; OTHER INFORMATION: human VCIP
US-10-812-238A-13
                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
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Li, Li, Malyankar, Uriel M. Khramtsov, Nikolai

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Macbougall, John R.,
Mezes, Peter S.
Miller, Charles B.,
Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
Padigaru, Muralidhara,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
Elsen, Andrew,
Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gorlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
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APPLICANT:
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APPLICANT:
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APPLICANT:
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                                           92 GIVIAILAIITGEPYRIYYLK-KSRSTIQNPYVAALYKQVGCPLFGCAISQSFTDIAKVS 150
                                                                                                                61 TITATVILVSAGEAYLVYTDRLYSRSDFNN-YVAAVYKVLGTFLFGAAVSQSLTDLAKYM 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        92 GIVIAILAIITGEFYRIYYLK-KSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVS 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           179 LALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAAL 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    179 LALYVQARLCWKWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAAL 238
                      61 TITATVILVSAGBAYLVYTDRLYSRSDFNN-YVAAVYKVLGTFLFGAAVSQSLTDLAKYM 119
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                                                                                           120 IGRLKPNFLAVCDPDWSRVNCSV-YVQLEKVCRGNPADVTEARLSFYSGHSSFGMYCMVF
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                                                                                                                                                                                                                                                                                                                                           US-10-655-601-2
Sequence 2, Application US/10655601
Publication No. US20040137522A1
Sequence 2, Application No. US2004013752A1
GENERAL INFORMATION:
APPLICANT: Feany, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT APPLICATION UMBER: US/10/655,601
CURRENT PILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels 10; Gaps
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44.7%; Score 650; DB 16; Length 311;
Best Local Similarity 49.8%; Pred. No. 5.1e-57;
Matches 133; Conservative 48; Mismatches 76; Indels 1
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CRGANISM: Homo sapiens
US-10-655-601-2
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US-10-287-226-346
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72 GEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNFLAV 130
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APPLICANT: Serbusen, Bryan D.,
APPLICANT: Zerbusen, Bryan D.,
APPLICANT: Zerbusen, Bryan D.,
APPLICANT: Zhong, Mei
ITILE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: 00/334,421
PRIOR PILING DATE: 2002-11-04
PRIOR PILING DATE: 2002-02-04
PRIOR PLING DATE: 2002-02-04
PRIOR PLING DATE: 2002-02-04
PRIOR PLING DATE: 2002-02-04
PRIOR PLING DATE: 2002-03-04
PRIOR PPLICATION NUMBER: 60/404,821
PRIOR PLING DATE: 2002-03-04
PRIOR PLING DATE: 2002-03-04
PRIOR PLING DATE: 2002-03-04
PRIOR PLING DATE: 2002-01-13-0
PRIOR PLING DATE: 2002-01-13-0
PRIOR PLING DATE: 2001-11-30
PRIOR PLING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR PLING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR PLING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR PLING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/334,027
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43.9%; Score 638.5; DB 15; Length 221;
Best Local Similarity 64.9%; Pred. No. 4.8e-56;
Matches 124; Conservative 24; Mismatches 40; Indels 3;
Patturajan, Meera,
Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.
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LENGTH: 221
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Sequence 346, Application US/10287226
Publication No. US20040086875A1
GENERAL INFORMATION:
APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Chant, John S.,

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GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: Venter, J. Craig
APPLICANT: Set al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO0078
CURRENT APPLICATION NUMBER: 60/157, 832
PRIOR APPLICATION NUMBER: 60/160, 191
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/160, 191
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1090-11-12
PRIOR FILING DATE: 1090-11-12
PRIOR PRIOR FILING DATE: 1090-11-12
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASESEE FOR WINGOWS VERSION 4.0
SEQ ID NO 2046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        72 GEAYLVYTDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLKPNFLAV 130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  190 KWARLLRPIVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKA 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            130 DWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVALVAVYVSDFFKE 189
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                                                                                                                                          - See File Wrapper or PALM.
                                                                                                                                                                                                                                                                                                                                                                         DB 15; Length 221;
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                                                                                                                                                                                                                                                                                                                                                                 43.9%; Score 638.5; DB 15; Length 64.9%; Pred. No. 4.8e-56; tive 24; Mismatches 40; Indels
                               PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DAFE: 2001-11-28
PRIOR PLING DATE: 2001-11-20
PRIOR FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraSeqList version 0.1
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                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 124; Conservative
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US-10-287-226-348
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                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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LENGTH: 221
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71 CDPDWSKINCSDGYIEY-YICRGNABRVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKG 129
                                                                                                            130 DWARLLRPTLQFGLVAVSIXVGLSRVSDYKHHWSDVLTGLIQGALVALIVAVYVSDFFKE 189
                                                                               190 KWARLLRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLVGLLQGALVAALTVCYISDFFKA 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT: Zerhusen, Bryan D.,
PPLICANT: Zhong, Mei
ITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
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PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-11-30
PRIOR FULING DATE: 2002-02-04
PRIOR PELING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR PELING DATE: 2002-03-13
PRIOR FILING DATE: 2003-08-20
PRIOR FILING DATE: 2001-11-30
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o. US20040086875A1
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PRIOR APPLICATION UNMBER: 60/354,409
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
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Spytek, Kimberley A.,
Taupier, Jr., Raymond J.
Vernet, Corine A.M.,
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Chant, John S.,
Chaudhuri, Amitabha,
Dibippo, Vincent A.,
Edinger, Shlomit R.,
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Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
Khramtsov, Nikolai,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mazes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
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Rieger, Daniel K.,
Rothenberg, Mark E.
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                                                                                                                                                                                 250 RPPQHCLKEEE 260
                                                                                                                                                                                                                              190 RTSFKERKEED 200
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                                                                                                                                                                                                                                                                                                                                                              Sequence 348, Application No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                      -10-287-226-348
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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-298-750
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-10-102-806-750
                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19 SLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 434; DB 9; Length 105;
Pred. No. 9.3e-36;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 750, Application US/10102806
; Publication No. US20030054421A1
; GENERAL INFORMATION 1
APPLICANT: Rosern et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Indels
       Nucleic Acids, Proteins and Antibodies
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Pred. No. 9.3e-36;
0; Mismatches 3;
TITLE OF INVENTION: Mucleic Acids, Proteins of FILE REFERENCE: PA103
CURRENT APPLICATION NUMBER: US/09/925,298
CURRENT FILING DATE: 2001-08-10
PRIOR PLICATION NUMBER: PCT/US00/05881
PRIOR PLICATION NUMBER: 60/124,270
PRIOR PLILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 846
SOFTHAME: PALENTIN PATE: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: PAIGNIET ACLES, FLOCETIES CURRENT APPLICATION NUMBER: US/10/102,806 CURRENT APPLICATION NUMBER: US/20/20-20-20 PRIOR APPLICATION NUMBER: 09/925,298 PRIOR PILING DATE: 2001-08-10 PRIOR APPLICATION NUMBER: PCT/USO0/05881 PRIOR FILING DATE: 2000-03-08 PRIOR FILING DATE: 2000-03-08 PRIOR FILING DATE: 1999-03-12 NUMBER: OF SEQ ID NOS: 846 SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79 TDRLYSRSDFNNYVAAVYKVLGTFLFG 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    77 TDRLYSRSDFNNYVAAVYKVLGTSCLG 103
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Best Local Similarity 96.6%;
Matches 84; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 29.9
Best Local Similarity 96.6
Matches 84; Conservative
                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
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US-10-102-806-750
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                                                                                                                                                                                                                                 SEQ ID NO 750
LENGTH: 105
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APPLICANT: Rank, David R.
APPLICANT: Hanzel, David R.
APPLICANT: Hanzel, David R.
TITLE OF INVENTION: HUMAN GENOWE-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR (TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
CURRENT REFERENCE: ACONICA-X-2
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
                                                                                                  85 LDVLILLCAGFPILLFFLLGEPYKRGFFCDDESLKHPFHDSTVRNWMLYFIGAVIPVGVI 144
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                                                                                                                                                                                          263
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                                                                                                                                                                                                                                                         118 YMIGRLKPNFLAVCDPDWS-----RVNCSVYVQLEKVCRG---NPADVTEARLSFYSG 167
                                                                                                                                                                                                                                                                                                                                                 168 HSSFGMYCMVFLALYVQARLCWKWARLLIRPTVQFFLVAFALYVGYTRVSDYKHHWSDVLV 227
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                                                                     10 LDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLM--AGVTITATVI
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    ; Pred. No. 1.6e-43;
53; Mismatches 95; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EXPRESED IN ADULT LIVER, SIGNAL = 3.7
EXPRESED IN PLACENTA, SIGNAL = 5.3
EXPRESED IN FETAL LIVER, SIGNAL = 4.2
EXPRESED IN LUNG, SIGNAL = 1.9
EXPRESED IN HELA, SIGNAL = 8.5
EXPRESED IN BRAIN, SIGNAL = 4.7
SWISSPROT HIT: Q10022, EVALUE 6.80e-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 29445, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
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    39.28;
                          Conservative
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  Best Local Similarity
Matches 113; Conserv
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US-10-029-386-29445
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LENGTH: 89
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DROSOPHILA GENES.
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/14,769
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 1999-11-22
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASSESC FOR WINDOWS VERSION 4.0
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17 SLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVY 76
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                                           79 TDRLYSRSDFNNYVAAVYKVLGTFLFG 105
                                                                                                                                                                                                            Sequence 14997, Application US/11097143 Publication No. US20050208558A1
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APPLICANT: Venter, J. Craig
APPLICANT: et al.
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Best Local Similarity 38.6°
Matches 100; Conservative
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US-11-097-143-1499
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE REFERENCE: CLOO0728
CURRENT PELICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 1999-10-19
PRIOR PILING DATE: 1999-10-19
PRIOR PILING DATE: 1999-10-28
PRIOR PELICATION NUMBER: 60/164,769
PRIOR PELICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PELING DATE: 1999-11-12
PRIOR PELING DATE: 1999-11-22
PRIOR PELING DATE: 1999-11-22
PRIOR PELING DATE: 1999-11-22
PRIOR PILING DATE: 1999-11-22
PRIOR PELING DATE: 1999-11-22
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PELING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FEASESQ for Windows Version 4.0
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Best Local Similarity 38.7%; Pred. No. 2.9e-
Matches 87; Conservative 33; Mismatches
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Job time : 82.8927 secs
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ORGANISM: DROSOPHILA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 55, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lasener, Michael
APPLICANT: Ruczinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US 09/122,315
PRIOR PILING DATE: 1999-07-23
PRIOR FILING DATE: 1999-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
US-09-225-024-2
US-09-134-000C-4759
US-09-582-200A-2
US-09-582-200A-1
US-09-582-200A-10
US-09-274-752D-3
US-09-582-200A-4
US-09-582-200A-1
US-09-582-200A-1
US-09-582-200A-1
US-09-134-001C-3523
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Best Local Similarity 98.7
Matches 225; Conservative
  ORGANISM: Homo sapiens
    US-09-360-376-55
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LENGTH: 233
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52, Appl
                                                                                                                              ; Search time 19.1012 Seconds (without alignments) 1215.413 Million cell updates/sec
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1 MQNYKYDKAIVPESKNGGSP.....RKEILSPVDIIDRNNHHNMM
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                  GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-360-376-54
US-08-992-015A-1
US-08-992-015A-3
US-09-16-376-53
US-09-122-315C-18
US-09-360-376-17
US-09-360-376-13
US-09-360-376-13
US-09-360-376-12
US-09-360-376-12
US-09-360-376-12
US-09-360-376-12
US-09-538-092-27
US-09-538-092-27
US-09-548-796A-15661
US-09-548-796A-116
US-09-548-796A-116
US-09-548-796A-116
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US-09-169-205D-24
                                                                                                                                                                                                                                                                                                                                                  513545 seqs, 74649064 residues
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                                                                                                                                2, 2005, 21:27:15
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Maximum Match 100%
Listing first 45 summaries
                                                                                           protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length
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                                                                                                                                November
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                                                                                                                                                                                                           Title:
Perfect score:
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724.5
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93 IVIAILAIITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSI 151
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: DESTRICT DOS
SOFTWARE: FASTERGE for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE:
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APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
TILLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PF-0433 US
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US-08-992-035A-3
i Sequence 3, Application US/08992035A
Patent No. 6242179
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REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPHONE: 650-845-4166
                                                                           INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
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Matches 136; Conservative
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CLONE: 1719418
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                                                      TELEFAX:
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OPERATING SYSTEM: DOS
SOFTWARE: FastSRG for windows Version 2.0
CURRNY APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44.4%; Score 724.5; DB 4
56.2%; Pred. No. 7.3e-78;
tive 45; Mismatches 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1. Application US/08992035A; Sequence 1. Application US/08992035A; Patent No. 6242179; GENERAL INFORMATION: APPLICANT: Shah, Purvi APPLICANT: Hillman, Jennifer L. APPLICANT: COTIEY, Neil C. APPLICANT: Lal, Preeti TILLE OF INVENTION: HUMAN PHOSPHATASES NUMBER OF SEQUENCES: 6 CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE
CURRENT APPLICATION WUMBER: US/09/360,376
CURRENT APPLICATION WUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
FRIOR APPLICATION WUMBER: US/09/122,315
FRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 54
LENGTH: 282
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0433 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 56.2<sup>3</sup>
Matches 140; Conservative
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MEDIUM TYPE: Diskette
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244 LYVTDFFKT 252
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326.094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                    Sequence 18, Application US/09122315C

Sequence 18 Application US/09122315C

GENERAL INFORMATION:
APPLICANT: Michael W. Lassner
APPLICANT: Diane Ruezinsky
TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
FILE REFERENCE: 17026/00/US
CURRENT APPLICATION WHORER: US/09/122,315C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7:0a
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Pred. No. 1.6e-50;
8; Mismatches 107; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: unsure
LOCATION: (1)..(323)
OTHER INFORMATION: unsure at all Xaa locations
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 43247, Application US/09270767; Patent No. 6703491; GENERAL INFORMATION:
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ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 30.4%;
Best Local Similarity 48.7%;
Matches 114; Conservative
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244 LYVSDFFK 251
                                                                                                                                                           272 FFVSDLFK 279
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                                                                                                                                                                                                                                                                                                                                                                            US-09-122-315C-18
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APPLICANT: LASSEBER, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1999-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                              DB 3;
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; Pred. No. 1.6e-74;
43; Mismatches 67
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Patent No. 6495739
GENERAL INFORMATION:
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Best Local Similarity 54.4%;
Matches 135; Conservative 43
                                  SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acide
TYPE: amino acid
STRANDEDNESS: single
TOPOLLOY: linear
IMMEDIATE SOURCE:
INFORMATION FOR SEQ ID NO: 3:
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244 LYVSDFFK 251
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; CLONE: 1487873
US-08-992-035A-3
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Best Local Similarity
Matches 135; Conserv
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JS-09-360-376-17
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                                                                                                                                                                                       3 NYKYD---KAIVPESKNGGS---PALNNNPRRSGSKRVL-LICLDLFCLFMAGLPFL--I
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                                           Length 412;
                           Query Match 26.0%; Score 425; DB 4; Length 41. Best Local Similarity 34.5%; Pred. No. 8.5e-42; Matches 117; Conservative 58; Mismatches 114; Indels
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APPLICANT: Lasener, Michael
APPLICANT: Rezinsky, Diane
APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
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14.7%; Score 239.5; DB 4
Best Local Similarity 31.8%; Pred. No. 8.9e-20;
Matches 75; Conservative 36; Mismatches 94
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Patent No. 6495739
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ORGANISM: Glycine sp.
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LENGTH: 322
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106 I--FLGVYIRRRD------VYDLHHAVLGLLFSVLITAVFTEAIKNAVGRPRPDFFWR 155
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Patent No. 6495739
GENERAL INPORMATION:
APPLICANT: Lassner, Michael
TITLE OF INVENTION:
FILE REFERENCE: 17026/JUS
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
Sequence 17, Application US/09360376

Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: LASENEY, Michael
APPLICANT: LASENEY, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
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Best Local Similarity
Matches 78; Conservat
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ORGANISM: Glycine sp
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Best Local Similarity
Matches 75; Conserv
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SEQ ID NO 17
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SEQ ID NO 13
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49 LPFLIIE--TSTIKPYHRGFYCND--ESIKYPLKTGETINDAVLCAVGIVIAIL--AIIT 102
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                                                                                                                                                                                                                                         Length 290;
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APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
APPLICANTON: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US/09/122,315
PRIOR APPLICATION NUMBER: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
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Pred. No. 1.1e-17;
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                              3.0
                                                                                                                                                                                                                                      13.6%;
33.2%;
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version
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Matches 75; Conservative
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ORGANISM: Arabidopsis sp.
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                                                                                                              TYPE: PRT
ORGANISM: Arabidopsis
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         SOFTWARE: Far
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                                                                                                                                   VLYLOAR---FTWRG--ARL---LRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQ 262
                                                                                                                                                                              224 ŠLYLSGKIKAFNNEGHVAKLCLVIFPILAACLV----GISRVDDYWHHQDVFAGALI 277
                     IGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYL 210
                                                             || ||:| | || ||:| : : | : | | ::|:| ||| ||| ||:| ::|
167 TGRPRPNFYWRCFPDGKELYDALGGVV---CHGKAAEVKEGHKSFPSGHTSWSFAGLTFL 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             159 LSVCNPDFSQI -- NCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQA 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               217 RFTW--RGARLLRPLLQFTLIMMAFYTGLSRVSDHKHPSDVLAGFAQGALVA--CCIVF 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       41 LFCLFMAGLPFLIIETSTIKPYHRGFYCND--ESIKYPLKTGETINDAVLCAVGIVIAIL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lassmer, Michael
APPLICANT: Lassmer, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE OF INVENTION: 17026/01/05
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lagener, Michael
APPLICANT: Lagener, Michael
APPLICANT: Ruezinsky, Diane
FITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US/09/315
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR PILING DATE: 1998-07-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 15, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
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Patent No. 6495739
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GALVA 267
                                                                                                                                                                                                                                                                                                                  GTĽVA 282
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           Sequence 15661, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
GAPTION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL TITLE OF INVENTION:
FILLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.13
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-13
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR PILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   51 FLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRIYY 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       111 LKKSRSTIONPYVAALYKOVGCF---LFGCAISOS----FTDIAKVSIGRLRPHFLSVCN 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       164 P-----DFSQINCSEGYIQNYRCRGDDSK--VQEARKSFFSGHASFSMYTMLYLVLYL 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            156 PAPGTPLHELVDVNV------CTAPLGKALLIDGMKSTPSGHSSISFGGLFYLTLM 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 217, Application US/09538092

Sequence 217, Application US/09538092

Sequence 217, Application US/09538092

Sequence 217, Application US/09538092

GENERAL INFORMATION:

APPLICANT: Mansfield, Traci A.

TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same FILE REFERENCE: 15966-54

CURRENT APPLICATION NUMBER: US/09/538,092

CURRENT APPLICATION NUMBER: 60/127,352

PRIOR APPLICATION NUMBER: 60/127,352

PRIOR PLING DATE: 2000-02-01

PRIOR FILING DATE: 2000-02-01

NUMBER OF SEQ ID NOS: 1387

SOFTWARE: CuraPatSeqFormatter Version 0.9

SEQ ID NO 217

LENGTH: 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 296;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (0) ... (0)
CTHER INFORMATION: Polypeptide Accession Number YDR503C
US-09-538-092-217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 11.5%; Score 187; DB 4; Best Local Similarity 27.4%; Pred. No. 1.5e-13; Matches 64; Conservative 37; Mismatches 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
-09-248-796A-15661
                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-248-796A-15661
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Length 274;

DB 4;

11.3%; Score 184.5;

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202 PSMYTMLYLVLYLQARFTWRGAR--LLRPLLQFTLIMMAFYTGLSRVSDHKHPSDVLAG 259
                                                                                                                                                                                                                                                                                                                                                                                                                                               19 FQYMIIGLCTILFLYSEISLVPRGQNIEFSLDDPSISKRYVPNELVGPLECLILSVGLSN 78
                                                                                                                                                                                                                                                                                                      144 TDIAKVSIGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSK--VQEARKSFFSGHAS 201
                                                                                                                                                                                            96 AILAIITGEFYRIYY----LKKSR-----STIQNPYVAALYKQVGCFLFGCAISQSF
                                                                                                                                                                                                                                                                                                                                                            132 TGALKLIIGNLRPDFVDRCIPDLQKMSDSDSLVFGLDICKQTNKWILYEGLKSTPSGHSS
                                                                                  42 FCLFMAGLPFLIIETSTIKPYHRG----FYCNDESIKYPLKTGETIN--DAVLCAVGIVI
                               Gaps
                               41;
Pred. No. 2.6e-13; 7; Mismatches 107; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            260 FAQGALVA-CCIVFFVSDLFKTKTTLSLPAP 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              244 AVLAFLVIYCCWKWTFTNLAKRDI---LPSP 271
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  28.0%;
Best Local Similarity 28.0 Matches 76; Conservative
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Search completed: November 2, 2005, 21:48:57 Job time : 20.1012 secs

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November 2, 2005, 21:46:06; Search time 92.2777 Seconds (without alignments) 1408.915 Million cell updates/sec
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1633
1 MQNYKYDKAIVPESKNGGSP......RKEILSPVDIIDRNNHHNMM 311
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1865214 segs, 418043040 residues
                                                                                                                                       OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ID	US-10-812-238A-13 US-10-655-601-2 US-10-764-425-157 US-10-643-795A-136 US-10-948-518-136 US-10-955-601-1 US-10-491-467-49 US-10-287-226-346 US-11-097-143-206-346 US-11-097-143-206-346
DB	119 118 118 118 115 20 20
Length	311 284 289 289 274 221 372 340
Query Match	100.0 99.6 43.9 43.6 43.6 43.0 37.8 35.2 35.2 35.2

1633 1627 716.5 712 712 702 618 574.5 574.5 532 426

Description

Score

Result No. Sequence 13, Appl Sequence 2, Appl Sequence 157, App Sequence 136, App Sequence 136, App Sequence 49, Appl Sequence 346, App Sequence 246, App Sequence 2046, App Sequence 2046, App Sequence 1997, App Sequence 1997, App

401.5 24.6 341 20 US-11-097-143-41346 Sequence 41 390 23.9 246 20 US-11-097-143-912 Sequence 91 361.5 22.1 326 17 US-10-204-921-58 Sequence 58 31.5 22.1 326 17 US-10-204-921-58 Sequence 58 31.5 19.7 32.1 15 US-10-343-357-5 Sequence 2.7 313 19.2 29.2 16 US-11-097-143-4135 Sequence 2.9 309.5 19.0 305 20 US-11-097-143-4135 Sequence 2.7 15 US-10-094-749-279 Sequence 4.1 29.5 17.1 427 15 US-10-108-2604-2833 Sequence 4.1 279.5 17.1 427 15 US-10-108-2604-2833 Sequence 5.3 274.5 16.8 187 16 US-10-491-467-52 Sequence 5.3 274.5 16.8 187 16 US-10-491-467-52 Sequence 5.3 249.5 15.3 180 9 US-08-60-670-125 Sequence 2.2 249.5 15.3 180 9 US-08-60-670-125 Sequence 2.2 249.5 15.3 180 9 US-08-60-670-125 Sequence 2.2 249.5 15.3 180 9 US-08-860-670-125 Sequence 2.2 249.5 15.3 180 18 US-08-860-870-125 Sequence 2.2 249.5 15.3 180 180 180 US-08-860-870-125 Sequence 2.2 249.5 15.3 180 180 US-08-860-870-125 Sequence 2.2 249.5 15.3 180 180 US-08-860-870-125 Sequence 2.2 249.5 15.3 180 180 US-08-860-870-125 Sequence 2.2 249.5 15.5 15.3 180 180 US-08-860-870-125 Sequence 2.2 249.5 15.3 180 US-08-860-870-125	6 249.5 15.3 180 14 US-10-103-313-490 Sequence 499, 749.5 15.3 180 15 US-10-227-646-125 Sequence 125, 8 249.5 15.3 180 15 US-10-227-646-125 Sequence 125, 8 249.5 15.3 180 15 US-10-227-646-125 Sequence 125, 15.1 180 15 US-10-103-313-493 Sequence 125, 15.1 180 15 US-10-103-313-493 Sequence 6893, 244.5 15.0 607 16 US-10-72-860-3797 Sequence 693, 1245 15.0 607 16 US-10-72-860-3797 Sequence 3797 15 US-10-424-599-207810 Sequence 207810 Sequence 207810 Sequence 207811 14.1 247 15 US-10-425-114-47060 Sequence 207810 Sequence 207811 14.1 247 16 US-10-43-15-38 Sequence 20364 Sequ	RESULT 1  1S-10-812-238A-13  Sequence 13, Application US/10812238A  Publication No. US2005002904A1  Sequence 13, Application US/10812238A  Publication No. US2005002904A1  GENERAL INFORMATION: APPLICANT: Huntsoe, No. US2005002904A1  APPLICANT: Huntsoe, JOSED O. TITLE OF INVENTION: USES OF VSCULAR Endothelial Growth Factor  TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)  TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)  TITLE OF INVENTION: USES OF VSCULAR ENGLY OF TITLE OF INVENTION UNMBER: US/10/812,238A  CURRENT FILING DATE: 2004-03-29  RIOR PELLOR PRIOR PRIOR INFORMATION: UNMON FEATURE  FRATURE FRY  ORGANISM: Unknown  FRATURE: NAME/KEY: CHAIN  OTHER INFORMATION: human VCIP	t Local Similarity 100.0%; Score 1633; DB 17; Length 311; t Local Similarity 100.0%; Pred. No. 4.2e-165; ches 311; Conservative 0, Mismatches 0; Indels 0; Gaps 0; MonyKydkalvpeskNgGspalnnnppresGskRvLicldleCleMaglpFLITETSTIK 60
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TITLE OF INVENTION: TEATMENT OF TUMOR
TITLE OF INVENTION: TREATMENT OF TUMOR
CURRENT APPLICATION NUMBER: US 60/404,809
PRIOR APPLICATION NUMBER: US 60/405,645
PRIOR FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/413,192
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-11-15
PRIOR PLING DATE: 2002-11-15
PRIOR PLING DATE: 2002-11-15
PRIOR PLING DATE: 2002-11-15
PRIOR PLING DATE: 2002-11-15
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SUSAN D. SPENCER
THOMAS D. WU
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     Eveleigh,
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US-10-643-795A-136
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PYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTIQN 120
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Publication No. US20040137522A1
GENERAL INFORMATION:
APPLICANT: Feany, Mel B.
APPLICANT: Feany, Mel B.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
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US-10-764-425-157
US-10-764-425-157
Subjucation No. US20040146921A1
GENERAL INFORMATION:
APPLICANT: Bayer Pharmaceuticals Corporation
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Matches 310; Conservative
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TYPE: PRT
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10-655-601-2
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APPLICANT: Bigwood, Douglas
APPLICANT: Bigwood, Douglas
APPLICANT: Taylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
FILE REFERENCE: 5151
CURRENT APPLICATION NUMBER: US/10/764,425
CURRENT PILING DATE: 2004-01-23
PRIOR APPLICATION NUMBER: 60/442,582
PRIOR PILING DATE: 2003-01-24
NUMBER OF SEQ ID NOS: 191
SOFTWARE: Patentin version 3.2
SEQ ID NO 157
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57.1%; Pred. No. 1.8e-67;
tive 38; Mismatches 67
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KENNETH J. HILLAN
PAUL POLAKIS
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Best Local Similarity 57.1*
Matches 144; Conservative
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244 VYVSDFFKERTS 255
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ORGANISM: Homo sapiens
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RESULT 6
US-10-655-601-1
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                                                                                                                                                                                                                    9
                                                                                                                                                                  43.6%; Score 712; DB 16; Length 289; 56.2%; Pred. No. 5.7e-67;
                                                                                                                                                                                                                    Indels
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                                                                                                                                                                                                               37; Mismatches
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PRIOR APPLICATION NUMBER: US/10/643,795
PRIOR PILING DATE: 2003-08-19
PRIOR PILING DATE: 2003-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR PILING DATE: 2002-09-23
PRIOR PILING DATE: 2002-09-23
PRIOR PILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-10-15
PRIOR PILING DATE: 2002-10-15
PRIOR PILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-11-15
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Sequence 136, Application US/10948518
Publication No. US20050064492A1
GENERAL INFORMATION:
APPLICANT: FREDERIC J. DESAUVAGE
APPLICANT: GRETCHEN FRANTZ
APPLICANT: GRETCHEN FRANTZ
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
APPLICANT: THOMAS D. WU
APPLICANT: ZEMIN ZHANG
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Best Local Similarity 56.2'
Matches 144; Conservative
NUMBER OF SEQ ID NOS: 158
                                                                                          ORGANISM: Homo sapien
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                      SEQ ID NO 136
LENGTH: 289
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43.6%; Score 712; DB 17; Length 289;

Query Match

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                             Gapa
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APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
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                           69; Indels
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54.0%; Pred. No. 6.5e-66;
tive 40; Mismatches 74;
Best Local Similarity 56.2%; Pred. No. 5.7e-67;
Matches 144; Conservative 37; Mismatches 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 7
US-10-491-467-49
Sequence 49, Application US/10491467
Publication No. US20050186568A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence I, Application US/10655601
; Publication No. US20040137522A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         245 ILVAVYVSDFFKERTS 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   268 CCIVFFVSDLFKTKTT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 54.09
Matches 136; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                272 FFVSDLFKTKTT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :|| || :|:
245 VYVSDFFKERTS 256
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ORGANISM: Homo sapiens
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Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
                                                                                                                                                                                           Burges, Catherine E.,
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
Elsen, Andrew,
Ellerman, Karen,
Gangolli, Esha A.,
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                                                                                                APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
BEYBLICANT: BEYBH, CONSTANCE,
APPLICANT: BOIGOG, Ference,
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Rastelli, Luca,
                                                     US20040086875A1
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Shenoy, Suresh G.
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Gerlach, Valerie,
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49 LPFLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYRI 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             109 YYLK-KSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNPDFS 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             168 QINCSEGYIQNYR-CRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLL 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         227 RPLLQFTLIMMAFYTGLSRVSDHKHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSL 286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6 LPFAIL-TLVNAPYKRGFYCGDDSIRYPYRP-DTITHGLMAGVTITATVILVSAGEAYLV 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            70; Indels 10; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
37.8%; Score 618; DB 18; Length 274;
Best Local Similarity 51.2%; Pred. No. 5.5e-57;
Matches 128; Conservative 42; Mismatches 70; Indels 1
PPLICANT: INCYTE CORPORATION; BANDMAN, Olga;
JPPLICANT: BAUGHN, Mark L.; DUGGAN Brendan M.;
APPLICANT: BAUGHN, Mark L.; DUGGAN Brendan M.;
APPLICANT: GANDHL, Ameena R.; GORVAD, Ann E.;
APPLICANT: GANDHL, Ameena R.; GORVAD, Ann E.;
APPLICANT: GANDHL, Amena R.; GORVAD, Ann E.;
APPLICANT: GANDHL, Amena R.; GORVAD, Ann E.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: LAL, Preef G.; LEE, Enrestine A.;
APPLICANT: LLE, Soo Yeun; LINDQUIST, Erika A.;
APPLICANT: LU, Dyung Aina M.; LU, Yan;
APPLICANT: ARVIZU, Chandra S.; RAMKUDAR, Jayalaxmi,
APPLICANT: ARVIZU, Chandra S.; RAMKUDAR, Jayalaxmi,
APPLICANT: RECIPON, Shirley A.; RICHARDSON, Thomas W.;
APPLICANT: REVIEW, Anita TANG, Y. Tom;
APPLICANT: GHAMA, Narinder K.; WARREN, Bridget A.;
APPLICANT: CHAMALA, Narinder K.; WARREN, Bridget A.;
APPLICANT: CHAMALA, Narinder K.; WARREN, Bridget A.;
APPLICANT: CHAMALA, Narinder K.; WARREN, Bridget A.;
APPLICANT: THORNTON, KINASES AND PHOSPHATASES
FILE REFERENCE: PP. 1244 USN
CURRENT APPLICATION NUMBER: US 60/345,474
PRIOR PILING DATE: 2001-10-17
PRIOR FILING DATE: 2001-10-17
PRIOR FILING DATE: 2001-11-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
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US-10-287-226-346
; Sequence 346, Application US/10287226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 49
LENGTH: 274
TYPE: PRT
ORGANISM: Homo sapiens
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APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/34,421
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR PILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR PILING DATE: 2002-02-17
PRIOR PILING DATE: 2002-02-17
PRIOR PELING DATE: 2002-03-13
PRIOR PILING DATE: 2002-03-13
PRIOR PILING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2002-03-13
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-28
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) ORGANISM: Homo sapiens US-10-287-226-346
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APPLICANT: Vencer, J. Craig
APPLICANT: Vencer, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DETECTION CENCED CONTONE
TITLE OF INVENTION: DROSOPHILA GENES;
TILLE REPERENCE: CLOOO728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT APPLICATION NUMBER: 60/157,832
PRIOR APPLICATION NUMBER: 60/160,191
RRIOR APPLICATION NUMBER: 60/160,191
RRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-110-28
PRIOR PLILING DATE: 1999-110-28
PRIOR PLILING DATE: 1999-110-28
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR PLILING DATE: 1999-110-28
PRIOR PLILING DATE: 1999-110-28
PRIOR PLILING DATE: 1999-110-28
PRIOR PLILING DATE: 1999-110-28
PRIOR PLILING DATE: 2000-01-12
PRIOR PLILING DATE: 2000-01-24
PRIOR PLILING DATE: 2000-01-24
PRIOR PLILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             159 LSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARF 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  219 TWRGARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLF 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                128 KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFF 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 ILIGETLSVYCNLIHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHF 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100 IITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 221;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    46; Indela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                35.2%; Score 574.5; DB 1
61.1%; Pred. No. 1.8e-52;
tive 25; Mismatches 46
                        PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR PELING DATE: 2002-08-20
PRIOR PELING DATE: 2001-13-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-04
PRIOR PELING DATE: 2002-03-13
PRIOR PELING DATE: 2001-11-28
PRIOR PLING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-20
PRIOR FILING DATE: 2001-11-20
PRIOR PLING DATE: 2001-11-20
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APPLICATION NUMBER: 60/184,831
FILING DATE: 2000-02-24
APPLICATION NUMBER: 60/191,637
FILING DATE: 2000-03-23
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PRIOR FILING DATE: 2000-03-
NUMBER OF SEQ ID NOS: 43008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
CRGANISM: Homo sapiens
US-10-287-226-348
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Best Local Similarity
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188 KERTS 192
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LENGTH: 221
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                                                                                                     100 IITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHF 158
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                                                                                                                                                                                                          159 LSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARF 218
                                                                                                                                                                                                                                                                                                                 219 TWRGARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLF 278
                                                                                                                                     1; Gaps
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TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
TITLE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
Pred. No. 1.8e-52;
Pred. Trehes 46; Indels
                   61.1%; Pred. wo. --
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PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
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Vernet, Corine A.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Chant, John S.,
APPLICANT: Chant, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Edinger, Shlomit R.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
Miller, Charles E.,
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Ort, Tatiana,
Padigaru, Muralidhara,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Spaderna, Steven K.
Spytek, Kimberley A
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Ellerman, Karen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chramtsov, Nikolai,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Rothenberg, Mark E. Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patturajan, Meera,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Rastelli, Luca,
Rieger, Daniel K.,
                        Best Local Similarity 61.1%
Matches 113; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                       188 KERTS 192
                                                                                                                                                                                                                                                                                                                                                                                                                       279 KTKTT 283
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us-08-842-827-6.rapb

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MONYKYDKAI----VPESKNGGSPALNNNPR--RSGSKRVLLICLDLFCLFMAGLPFLIIE
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 41346, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     96; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DROSOPHILA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 96; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                              275 SDLF 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     289 ARMF 292
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LENGTH: 341
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76 NKRILCRVGLDVLILLCAGFPILLFFLLG-EPYKRGFFCDDESLKHPFH-DSTVRNWMLY 133
                                                                                                                                                                                                                                                                                                                    90 AVGIVIAILAIITGEFYRIYYLKKSRSTIQN-------PYVAALYKQVGCFLF 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           --VQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSR 245
                                                                                                                                                                                                                                                                                                                                                 136 GCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQ-----INCSEGYIQNYRCRGDDSK- 187
                                                                                                                                                                                                                                     31 SKRVLL-ICLDLFCLFMAGLPFLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLC 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             246 VSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSLPAPAIRKEILSPVDII 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     311 VSDYKHHWSDVLAGSLIGSISALVVANYVSDLFQKPNTKPYLARTVQDMNASPAQAI 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CL000728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04
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                                                                                                                                                                                           30; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  38;
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                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                             96;
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                                                                                                                                                 Query Match 32.6%; Score 532; DB 20; Best Local Similarity 41.8%; Pred. No. 1.2e-47; Matches 124; Conservative 47; Mismatches 96;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRENT AFILING DATE: 2003-04-04
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-05
PRIOR FLING DATE: 1999-10-19
PRIOR PLING DATE: 1999-10-19
PRIOR PLING DATE: 1999-10-19
PRIOR PAPLICATION NUMBER: 60/161,932
PRIOR PAPLICATION NUMBER: 60/164,769
PRIOR PAPLICATION NUMBER: 60/164,769
PRIOR PILING DATE: 1999-11-12
PRIOR PAPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 1999-11-2
PRIOR PAPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR APPLICATION NUMBER: 60/191,637
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FRABESEQ FOR WINDOMS VERSION 4.0
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 2046
LENGTH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 14997, Application US/11097143
Ublication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 34.2'
Matches 104; Conservative
                                                                                 ORGANISM: DROSOPHILA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DROSOPHILA
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LENGTH: 340
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APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

CURRENT PAPLICATION NUMBER: US/11/097,143

CURRENT PILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/167,832

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-28

PRIOR APPLICATION NUMBER: 60/164,769

PRIOR FILING DATE: 1999-112-28

PRIOR APPLICATION NUMBER: 60/164,769

PRIOR FILING DATE: 1999-112-28

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR PILING DATE: 2000-01-24

PRIOR PILING DATE: 2000-01-32

PRIOR PILING DATE: 2000-01-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   229 QRKITWRGSKLSRHFVQFAVVMVAMYTALSRVMDHWHHWSDVLSGSLLGVAGALITAHYI 288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                114 SRSTIONPY-VAALYKQVGCFLFGCAISOSFTDIAKVSIGRLRPHFLSVCN---PDFSQI 169
                                                                                      56 TSTIKPYHRGFYCNDESIKYPLKTGETINDAVL-CAVGIVIAILAIITGEFYRIYYLKKS 114
                                                                                                                                                                                                               115 R----STIQ-----NPYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCN 163
                                                                                                                                                                                                                                                                                                                                     164 PDFSQIN-CSE----GYIQNYRCRGDD---SKVQEARKSFFSGHASFSMYTMLYLVLYL.214
                                                                                                                                                                                                                                                                                                                                                                                                                                                            OARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFV 274
                                                                                                                                   57 FA-VDPVRRGFFCDDESISYPFQ-DNTITPVMLGLIVGLLVBLLVMVV-----VEYVSHL
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    49; Mismatches
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                                  209 VSKLLKHLLQFLFVMFGWYVSLTRIIDYYHHWSDVLAGAALGVVFAWLTSAYVADLFAGK 268
                                                                                                    222 GARLLRPLLOFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFKTK 281
170 NCSEG----YIONYRCRG---DDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWR 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   64 RGFYCNDESIKYPLKTGETINDAVLCAVGIVIAILAIITGEFYR----IYYLKKSRSTIQ 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120 NPY------VAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQ- 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     132 TTCSDPINAARYIEBFTCAAVDITSKQLKDMRLSFPSGHASFACYSMLYLVIYLHRRMOW 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CL000728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
PRIOR PLILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-28
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-11-2
PRIOR PLILING DATE: 2000-01-12
PRIOR PLILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASELSEQ FOR WINDOWS VERSION 4.0
                                                                                                                                                                                                                 282 -- TTLSLPAPAIRKEILSP 298
                                                                                                                                                                                                                                                                    269 RWPKTGYSANTLRKPQVSP 287
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APPLICANT: JACKSON, Stuart
TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
FILE REFERENCE: PT-1133 PCT
CURRENT APPLICATION NUMBER: US/10/204,921
CURRENT FILING DATE: 2002-08-23
FRIOR APPLICATION NUMBER: 60/185,213; 60/205,285; 60/205,232; 60/205,323; 60/205,287
60/205,334; 60/205,286
PRIOR FILING DATE: 2000-02-24; 2000-05-17; 2000-05-16; 2000-05-17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              78 KTGET---INDAVLCAVGIVIAILAIITGEFYRIYYLKKSRSTI------ON 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 22.1%; Score 361.5; DB 17; Length 326; Best Local Similarity 30.7%; Pred. No. 1.5e-29; Matches 99; Conservative 58; Mismatches 131; Indels 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: LG:403872.1.orf3:2000MAX19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIU, Tommy F.
ROSEBERRY, Ann M.
ROSEN, Bruce H.
RUSSO, Frank D.
STOCKDREHER, Theresa K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION; unknown or other US-10-204-921-58
Sequence 58, Application US/10204921
Publication No. US20050095587A1
SENERAL INFORMATION:
                                                                         APPLICANT: INCYTE GENOMICS, INC.
APPLICANT: PANZER, SCOCT R.
APPLICANT: BANZER, SCOCT R.
APPLICANT: BANVILLE, Steven C.
APPLICANT: GHALUP, Michael S.
APPLICANT: CHALUP, Michael S.
APPLICANT: CHANG, Simon C.
APPLICANT: CHEN, Alice
APPLICANT: CHEN, Alice
APPLICANT: ANSHEY, Stefan
APPLICANT: DAM, Tam C.
APPLICANT: DAMOUR, Gerard E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GREENAWALT, Lila B.
HILLMAN, Jennifer L.
JONES, Anissa L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CHEN, Wensheng
COHEN, Howard J.
HODGSON, David M.
LINCOLN, Stephen E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         YU, Jimmy Y.
BRADLEY, Diana L.
BRATCHER, Shawn R.
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WRIGHT, Rachel J.
YAP, Pierre E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FONG, Willy T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FLORES,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: unsure
LOCATION: 294
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SEQ ID NO 58
LENGTH: 326
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240 AFLTGLNRVSEYRNHCSDVIAGFILGTAVALFLGMCVVHNFKGTQGSPSKPKPEXPRGVP 299
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               122 YVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNP-----DFSQINCSEGY 175
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                                                                                                                                                                                                                                                                                                                                                                       238 AFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIVFFVSDLFK-TKTTLSLPAPAIRK--- 293
121 PYVAALYKQVGCFLFGCAISQSFTDIAKVSIGRLRPHFLSVCNPDFSQINCS--EGYIQN 178
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: UNGORPHILA GENES.
FILE REPRENCE: CL00728
CURRENT APPLICATION NUMBER: 105.11/097,143
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PRIOR APPLICATION NUMBER: 60/157,832

PRIOR PILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 1999-12-28

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-13

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: PASISEQ for Windows Version 4.0

SENGTH: 334
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Publication No. US20050208558A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Venter, J. Craig APPLICANT: et al.
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US-11-097-143-24018
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Sequence

Scoring table:

Searched:

Database

Perfect score:

Run on:

Sequence:

Sequence Sequence Sequence

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Length 285;
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          99.1%; Score 1485; DB 3; 98.6%; Pred. No. 1.7e-152; iive 1; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 94304
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: TBM Compatible
APPLICATION NUMBER: US/08/992,035A
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Slah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Octaby, Neil C.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preet;
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                  ALIGNMENTS
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NAME: Bilings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0433 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEPHONE: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/08992035A Patent No. 6242179 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 650-845-4166
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 285 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMBIATE SOURCE:
LIBRARY: BLADNOTO6
CLONE: 1719418
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Best Local Similarity 98.6
Matches 281; Conservative
                                       3011
3011
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662
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1769
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1813
1813
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STATE: CA
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3247, A Appl
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217, App
15661, A
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1215.413 Million cell updates/sec
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Sequence 1, App
Sequence 4715,
Sequence 11032
                                                                                            November 2, 2005, 21:27:15 ; Search time 17.5043 Seconds
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Sequence 2
Sequence 1
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Sequence
Sequence
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1499
1 MPDKTRLPYVALDVLCVLLA......HTTLHETPTTGNHYPSNHQP
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-621-976-4116
US-09-710-279-2536
US-09-815-923-6
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US-09-248-796A-15660
US-09-538-092-217
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US-09-902-540-11032
US-08-466-975A-23
US-08-391-671A-23
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                                                                OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length
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Score

Result No.

1084.5 513 498.5

418 260 247.5

247 240 234.5 230.5 193

191.5

180.5 115.5 99.5

Gaps

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us-08-842-827-4.rai

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118 IAKYTIGSLRPHFLAICNPDWSKINCSDGYIEDYICQGNEEKVKEGRLSFYSGHSSFSMY 177
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                                                                                                                                                                                                                                                                                                                                            179 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL 238
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                              1 MFDKTRLPYVALDVICVLLAGLPFAIL-TSRHTPFQRGIFCNDDSIKYPYKEDTI--PYA 57
MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL 60
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                                                                                                               61 ILVGVGLPVSSII--LGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTD
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Patent No. 6495739

GENERAL INFORMATION:
APPLICANT: Lassner, Michael
TITLE OF INVENTION:
PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE OF INVENTION:
PLANT PREPERICE: 17026/01/02
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
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; Pred. No. 2.6e-111;
30; Mismatches 40;
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GENERAL INFORMATION:
APPLICANT: LASSNEY, Michael
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73.5%;
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Matches 211; Conservative
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ORGANISM: Mus musculus
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Best Local Similarity
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US-09-360-376-53
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US-09-360-376-54
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                                                                                                                                                                                                                                                     KYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCM 180
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                        MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL
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US-08-992-035A-3
Sequence 3. Application US/08992035A
Sequence 10. 6242179
GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jeneit
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
COUNTY: CA
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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Best Local Similarity
Matches 211; Conserv
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                                                                                                                                                                                                                                                                                            APPLICANT: Michael W. Lassner
APPLICANT: Diane Ruezinsky
TITLE OF INVENTION: Plant Phosphatidic Acid Phosphatases
FILE REFERENCE: 17026/00/US
CURRENT APPLICATION NUMBER: US/09/122,315C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
SEQ ID NO 18
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: HOmburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Droi TILE OF INVENTION: Nucleic acids and proteins of Droi File REFERENCE: File Reference: 7326-094

CURRENT APPLICATION UNMER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFUTARE: PatentIn Ver. 2.0

SEQ ID NO 43247

LENGTH: 412
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; Sequence 18, Application US/09122315C
; Patent No. 6476294
; GENERAL INFORMATION:
                                                                                                                            212 LYLOAKFTWRGARCSGPS 229
                                                                                       LYLOARMKGDWARLLRPT 202
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Best Local Similarity 43.0%;
Matches 114; Conservative
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LOCATION: (1)..(
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                    DB 4; Length 282;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VAILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
               TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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APPLICANT: Lassmer, Diane
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
                                                                                                                                                                                                                                                                                                                  72.3%; Score 1084.5; DB 4; 73.5%; Pred. No. 4.3e-109; ive 27; Mismatches 42;
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50.5%; Pred. No. 2.8e-47;
tive 32; Mismatches 64;
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CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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Patent No. 6495739
GENERAL INFORMATION:
Ruezinsky, Diane
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72.3*
Best Local Similarity 73.5*
Matches 211; Conservative
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Matches 100; Conservative
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                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-360-376-54
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LENGTH: 233
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RESULT 10
US-09-360-376-17
 US-09-360-376-12
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                                                                                                                                                                                                                                                                                                                   CHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVL 230
                                                                                                                                                                                                                                                                                                                                                                                    : : : : | : : | | : | | : 174

129 FV-----C----FYLKRTCVYDLHHSILGLLFAVLITGVITDSIKVATGRPRPNF 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   175 YWRCFPDGKELYDALGGV---VCHGKAAEVKEGHKSFPSGHTSWSFAGLIFLSLYLSGKI 231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          72 IILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFIFGAAASQSLTDIAKYSIGRLRPHF 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            132 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 191
                                                                                                                                                        15 LCVL-LASMPMAVLKL-GQIYPFQRGFFCKDNSINYPYHDSTAASTVLILVGVGLPVSSI
                                                                                                                                                                                                                                               120 AKYSIGRLRPHFLDVCDPDWSK-INCSD----GYIEYYICRG---NAERVKEGRLSFYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14 VLCVLLASMPMAVLKLGQIYPFQRGFFCKD--NSINYPYHDSTAASTVLILVGVGLPVSS
                                                                                                                                                                                                                          73 ILGETLSVYCNLLHS---NSFISNNY-----IATIYKAIGTFLFGAAASQSLTDI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         32; Gaps
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APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US/09/122,315
PRIOR APPLICATION NUMBER: US 09/122,315
NUMBER OF SEQ ID NOS: 55
SOTWARE: Patentin version 3.0
SEQ ID NO 13
                                                                                         Length 412;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17.3%; Score 260; DB 4; Length 348; 32.1%; Pred. No. 1.3e-19; Live 40; Mismatches 87; Indels
                                                                                                                       Indels
                                                                                     Score 418; DB 4;
Pred. No. 1.3e-36;
                                                                                  Query Match 27.9%; Score 418; DB Best Local Similarity 39.9%; Pred. No. 1.3e Matches 101; Conservative 39; Mismatches
                                ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-43247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/09360376
Patent No. 6495739
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                  231 TGLIQGALVAILV 243
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Matches 75; Conservative
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TYPE: PRT
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RESULT 9

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109 G------VYIRRRDVYDLHHAVLGLLFSVLITAVFTEAIKNAVGRPRPDFFWR 155
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                131 FLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQAR 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                81
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25 DWLILLLIVIBIVLNV--IEPFHR-FVGEDMLTDLRYPLQDNTIPFWAVPLIAVVLPFA
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| Sequence 12, Application US/09360376 |
| Patent No. 6495739 |
| GENERAL INFORMATION: |
| APPLICANT: Lassner, Michael |
| APPLICANT: Ruezinsky, Diane |
| TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES |
| FILE REFERENCE: 17026/01/US |
| CURRENT APPLICATION NUMBER: US/09/360,376 |
| CURRENT APPLICATION NUMBER: US 09/122,315 |
| PRIOR APPLICATION NUMBER: US 09/122,315 |
| PRIOR APPLICATION NUMBER: US 09/122,315 |
| NUMBER OF SEQ ID NOS: 55 |
| SOFTWARE: Patentin Version 3.0 |
| SEQ ID NO 12 |
| LENGTH: 290 |
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; Sequence 17, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
APPLICANT: Lasener, Michael
APPLICANT: Lasener, Michael
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 247.5; DB 4
Pred. No. 2.3e-18;
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Best Local Similarity 33.2%;
Matches 79; Conservative 3.
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70 SSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRP 129
                                                                                                                                                                                                                                                         130 HFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQA 189
                                                                                                                                                                                      25 DWLILLLLVIIDAVLNL--IQPFHR--FVGEGMMTDLRYPLKANTIPFWAVPIIAILLPL 80
                                                                                                                                               13 DVLCVLLASMPMAVLKLGQIYPFQRGFFCKD---NSINYPYHDSTAASTVLILVGVGLPV
                                                                                                                                                                                                                                                                                                                                                                                                                       190 RM-----KGDWARLLRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
                                                                ; Score 234.5; DB 4; Length 3; Pred. No. 7e-17; 41; Mismatches 94; Indels
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US-09-360-376-52
; Sequence 52, Application US/09360376
; Patent No. 6495739
; GENERAL INFORMATION:
; APPLICANT: Lassner, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
                                                                Query Match
Best Local Similarity 29.7%;
Matches 70; Conservative 4.
; ORGANISM: Glycine sp. US-09-360-376-16
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  CDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM--- 191
                       123 SIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLF 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  VALYLQARM-----KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGA 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10 VALDVL-CVLLASMPMAVLKLGQIYPFQRGFFCKD--NSINYPYHDSTAASTVLILVGVG 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        67 LPVSSIILGETLSVYCNLLHSNSFI----SNNYIATIYKAIGTFLFGAAASQSLTDIAKY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   192 --KGDWARLLRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
                                                                                                         213 DRKGHVAKL---CIVFLPLLVASLVGISRVDDYWHHWQDVFAGGLLGLTVA 260
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                                                                                                                                                                                                                                                                                APPLICANT: Lassener, Michael
APPLICANT: Lassener, Michael
APPLICANT: Ruezinsky, Diane
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR PAPPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: LABBREY, Michael
APPLICANT: LABBREY, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
CURRENT EFFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
FRICH APPLICATION NUMBER: US 09/122,315
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
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Patent No. 6495739
GENERAL INFORMATION:
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LENGTH: 314
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SEQ ID NO 16
LENGTH: 322
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131 FLDVCDPDWSKI--NCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQ 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   189 ARM-----KGDWARL---LRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            24 DWIILLLLAVIDGLINI--IEPFHR-FVGKDMMTDLRYPMKGNTVPFWAVPLIGIILPWA 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
15.4%; Score 230.5; DB 4; Length 310;
Best Local Similarity 32.1%; Pred. No. 1.8e-16;
Matches 77; Conservative 33; Mismatches 91; Indels 39;
APPLICANT: Lasener, Michael
APPLICANT: Lasener, Diane
TITLE OF INVANION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REPERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT PELING DATE: 1999-07-23
PRIOR PELLING DATE: 1999-07-24
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Search completed: November
Job time: 18.5043 secs
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TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR FILING DATE: 1999-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 1560
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 KYSIGRLRPHFLDVCDPDWSKINCSDG-----YIEYYIC-RGNAERVKEGRLSFYSGHS 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      174 SFS-----MYCMLFVALYLQARMKGDWARLIR--PTLQFGLVAVSIYVGLSRVSDYKHH 225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          226 WSDVLTGLIQGALVAILVAVYVSDFFKER-----TSFKERKEEDSHTTLHETPT 274
                                                                                                                                                                                                                                                                                                                                                                                                                                           4 KTRLPYVALDVLCVLLASMPMAVLKLGQIY---PFQRGFFCKDNSINYPYHDSTAASTVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16 KWRLEDVFLLIIMILL-NYP------VYYQQPFERQFYINDLTISHPYATTERVNNNM
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                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                    Query Match
12.9%; Score 193; DB 4; Length 289;
Best Local Similarity 26.6%; Pred. No. 1.9e-12;
Matches 79; Conservative 48; Mismatches 104; Indels
Ruezinsky, Diane
VENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
                       TITLE OF INVENTION: PLANT PHOSPHATIDIC ACI
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 52
LENGTH: 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15660, Application US/09248796A Patent No. 6747137 GENERAL INFORMATION: APPLICANT: Keith Weinstock et al
                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Candida albicans
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       APPLICANT:
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184 ALYL--QARMKGDWARLIRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAI 241

133 TLFLLGQSQANNGKTSSWRTMISFIPWLWACYIALSRTQDYRHHFIDVFVGSCLGLIIAI 192

242 -----LVAVYVSDFFKERTSFKE--RKEE 263

193 WQYFRLFPWFGGNQANDSFNNRIMIEEIKRKEE 225
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2, 2005, 21:48:56

Sequence 912, App Sequence 241346, A Sequence 241346, A Sequence 41342, A Sequence 41349, A Sequence 2701, App Sequence 29445, A Sequence 29445, A Sequence 2833, App Sequence 2833, App Sequence 2833, App Sequence 125, App Sequence 125, App Sequence 2400, App Sequence 2400, App Sequence 2760, App Sequence 2760, App Sequence 2760, App Sequence 203641, Sequence 203640, A Sequence 203640,

Sequence:

Run on:

Searched:

Database

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61 ILVGVGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTPLFGAAASQSLTDIA 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Feany, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REPERBYCE: 7570/73251
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT APPLICATION NUMBER: US/10/655,601
NUMBER OF SEC ID NOS: 11
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  99.1%; Score 1485; DB 16; Length 285; 98.6%; Pred. No. 2.8e-147; ive 1; Mismatches 3; Indels 0;
20 US-11-097-143-912
20 US-11-097-143-912
20 US-11-097-143-41346
20 US-11-097-143-41349
20 US-11-097-143-41349
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6 US-10-369-493-693
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3 US-10-727-646-125
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US-10-425-114-41280
US-10-425-114-64697
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 1, Application US/10655601; Publication No. US20040137522A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 98.6
Matches 281; Conservative
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Sequence 136, App
Sequence 136, App
Sequence 346, App
Sequence 49, App
Sequence 13, Appl
Sequence 13, Appl
Sequence 2046, Appli
Sequence 2046, Appli
Sequence 2046, Appli
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1408.915 Million cell updates/sec
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                                                                                                                                                                             ; Search time 84.5632 Seconds
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                                                                                                                                                                                                                                                                         US-08-842-827-4
1499
1 MFDKTRLPYVALDVLCVLLA......HTTLHETPTTGNHYPSNHQP
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                            GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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US-10-764-425-157
US-10-643-758-136
US-10-288-518-136
US-10-287-226-348
US-10-287-226-348
US-10-812-238A-13
US-10-655-601-2
US-11-097-143-2046
US-11-097-143-2046
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Listing first 45 summaries
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60 -PYALLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQ 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      87.1%; Score 1306; DB 16; Length 289; 87.3%; Pred. No. 1.9e-128; ive 6; Mismatches 23; Indels 8
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          CURRENT APPLICATION NUMBER: US/10/643,795A
CURRENT FILING DATE: 2003-08-19
CURRENT FILING DATE: 2002-08-19
PRIOR APPLICATION NUMBER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-23
PRIOR FILING DATE: 2002-09-15
PRIOR FILING DATE: 2002-09-15
PRIOR FILING DATE: 2002-10-15
PRIOR PILING DATE: 2002-10-15
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/426,847
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/484,959
PRIOR FILING DATE: 2003-07-02
NUMBER: OF SEQ ID NOS: 158
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CURRENT APPLICATION NUMBER: US/10/948,518
CURRENT FILING DATE: 2004-09-22
PRIOR APPLICATION NUMBER: US/10/643,795
PRIOR PILING DATE: 2003-08-19
PRIOR PELICATION NUMBER: US 60/404,809
PRIOR PELICATION NUMBER: US 60/405,645
PRIOR PELICATION NUMBER: US 60/405,645
PRIOR PELING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
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TITLE OF INVENTION: COMPOSITIONS AND METITLE OF INVENTION: TREATMENT OF TUMOR
TREATMENT OF TUMOR
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Publication No. US20050064492A1
GENERAL INFORMATION:
APPLICANT: FREDERIC J. DESAUVAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      KENNETH J. HILLAN
PAUL POLAKIS
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SUSAN D. SPENCER
THOMAS D. WU
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Best Local Similarity 87.3*
Matches 254; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANDREW POLSON
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ORGANISM:
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                    LFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 240
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                                                                                                                                                                                                                                                                                    Sequence 157, Application US/10764425
Publication No. US20040146921A1
GENERAL INFORMATION:
GAPPLICANT: Bayer Pharmaceuticals Corporation
APPLICANT: Byener Pharmaceuticals Corporation
APPLICANT: Byener Pharmaceuticals Corporation
APPLICANT: Taylor, Ian
APPLICANT: Taylor, Ian
TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USING PAPLICANTION NUMBER: US/10/764,425
CURRENT APPLICATION NUMBER: 06/442,582
FRIOR APPLICATION NUMBER: 60/442,582
FRIOR APPLICATION NUMBER: 60/442,582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL
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| Publication No. US20040241703A1
| GENERAL INPORMATION:
| GENERAL INPORMATION:
| APPLICANT: GRETCHEN FRANTZ
| APPLICANT: RENNETH J. HILLAN
| APPLICANT: ANNEW POLAKIS
| APPLICANT: ANNEW POLAKIS
| APPLICANT: SUSAN D. SPENCER
| APPLICANT: THOMAS D. WU
| APPLICANT: THOMAS D. WU
| APPLICANT: TEMAS D. WU
| APPLICANT: ZEMIN ZHANG
| TITLE,OF, INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    87.4%; Score 1309.5; DB 18; Length 284; 88.5%; Pred. No. 8e-129; ive 7; Mismatches 21; Indels 5;
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                                                                                                                 ILVAVYVSDFFKERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP
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SOFTWARE: Patentin version 3.2
SEQ ID NO 157
LENGTH: 284
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Matches 254; Conservative
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US-10-643-795A-136
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US-10-764-425-157
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                                                                            APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Taugier, Jr., Raymond J.,
APPLICANT: Taugier, Corine A.M.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Bryan Bryan Bryan APPLICATION NUMBER: 60/364, 302
PRIOR FILING DATE: 2002-03-03
PRIOR FILING DATE: 2002-03-03
PRIOR PILING DATE: 2001-11-30
PRIOR PILING DATE: 2001-11-20
PRIOR PILING DATE: 200
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US-10-287-226-348
is Sequence 348, Application US/10287226
; Sequence 348, Application US/10287226
; Publication No. US20040086875A1
; GENERAL INFORMATION:
; APPLICANT: Agee, Michele L.,
; APPLICANT: Berghs, Constance,
; APPLICANT: Boldog, Ference,
; APPLICANT: Burgess, Catherine E.,
                                 Rothenberg, Mark E.
Shenoy, Suresh G.,
Spaderna, Steven K.
         Daniel
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; ORGANISM: Homo sapiens
US-10-287-226-346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23; Indels
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                     PRIOR FILING DATE: 2002-09-23
PRIOR APPLICATION NUMBER: US 60/419,008
PRIOR PILING DATE: 2002-10-15
PRIOR PAPLICATION NUMBER: US 60/426,847
PRIOR PALING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-07-02
NUMBER OF SEQ ID NOS: 158
LENGTH: 289
APPLICATION NUMBER: US 60/413,192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 346, Application US/10287226
Publication No. US20040086875A1
GENERAL INFORMATION:
APPLICANT: Agee, Michele L.,
APPLICANT: Blobrook, John P.,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Edinger, Wincent A.,
APPLICANT: Bipippo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Padigaru, Muralidhara
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Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
Khramtsov, Nikolai,
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Millet, Isabelle,
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Rastelli, Luca,
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Ort, Tatiana,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eisen, Andrew,
                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Homo sapien
US-10-948-518-136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       115
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
                                                                                                                                                                                     132 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 191
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: INCITE CURCHAILOR; DEBCHA, SHANYA D.;
APPLICANT: BAUGHN, MARIAH R.; BECHA, SHANYA D.;
APPLICANT: EMERLING, Brooke M.; PORSYTHE, Ian J.;
APPLICANT: EMERLING, Brooke M.; PORSYTHE, Ian J.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: GANDHI, Ameena R.; GORVAD, Ann E.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: HAFALIA, April J.A.; KHAN, Farrah A.;
APPLICANT: HAR, Sooseph P.; NGUYEN, Danniel B.;
APPLICANT: MARQUIS, OSeeph P.; NGUYEN, Danniel B.;
APPLICANT: MARQUIS, OSeeph P.; NGUYEN, Danniel B.;
APPLICANT: SWARNARAR, Anita; TANG, Y. Tom;
APPLICANT: SWARNARAR, Anita; TANG, Y. Tom;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YANG, Junming; YAO, Monique G.;
APPLICANT: YENG, Junming; YAO, Monique G.;
APPLICANT: YENG, Junming; YAO, Monique G.;
CURRERING: PF-1244 USN
CURRENT APPLICANT: WARNARER BELICANT: YENG, CURRENT APPLICANT: WARNARER BELICANT: YENG, JUNMING, NAD, SAO, MONIQUE G.;
CURRENT APPLICANT: YENG, JUNMING, NAD, SEBREBURER: PF-1244 USN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
49.2%; Score 737; DB 18;
Best Local Similarity 56.3%; Pred. No. 1.2e-68;
Matches 152; Conservative 34; Mismatches 74;
                                                                                                                                                                                                                                                                                   252 KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 285
                                                                                                                                                                                                                                                                                                                                  188 KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 221
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; OTHER INFORMATION: Incyte ID No: 7503176CD1
US-10-491-467-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2004-03-31

PRIOR PILING DATE: 2002-10-17

PRIOR PILING DATE: 2002-10-17

PRIOR APPLICATION NUMBER: US 60/345,474

PRIOR APPLICATION NUMBER: US 60/343,910

PRIOR FILING DATE: 2001-11-02

PRIOR FILING DATE: 2001-11-02

PRIOR PELLING DATE: 2001-11-03

PRIOR PELLING DATE: 2001-11-13

PRIOR PELLING DATE: 2001-11-13

PRIOR PILING DATE: 2001-11-16

PRIOR PILING DATE: 2001-11-16

PRIOR PILING DATE: 2001-11-16

PRIOR PILING DATE: 2001-11-16

SOFTWARE: PERL PROGRAM

SOFTWARE: PERL PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-491-467-49
; Sequence 49, Application US/10491467
; Publication No. US20050186568A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2004-03-31
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ORGANISM: Homo sapiens
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FILLE OF INDENIOUS: 0.002-11-04
CURRENT FILLNG DATE: 2002-11-04
FRIOR PELICATION NUMBER: 60/334,421
PRIOR PELICATION NUMBER: 60/334,421
PRIOR PELICATION NUMBER: 60/344,392
PRIOR FILING DATE: 2002-02-27
PRIOR PELICATION NUMBER: 60/364,000
PRIOR FILING DATE: 2002-02-27
PRIOR PELICATION NUMBER: 60/344,000
PRIOR FILING DATE: 2002-02-27
PRIOR FILING DATE: 2002-03-13
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-11-30
PRIOR PELICATION NUMBER: 60/334,409
PRIOR PELICATION NUMBER: 60/334,403
PRIOR PELICATION NUMBER: 60/334,403
PRIOR PELICATION NUMBER: 60/334,403
PRIOR PELICATION NUMBER: 60/334,613
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT: Zhong, Mei
TILE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 75.3%; Score 1128; DB 15; Length 221; Best Local Similarity 99.5%; Pred. No. 6.9e-110; Matches 213; Conservative 0; Mismatches 1; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Padigaru, Muralidhara
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Miller, Charles B.,
Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
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Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
                                                                                                                                                                          Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
Gerlach, Valerie,
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                                                                                                                                                                                                                                                                                                                Ji, Weizhen,
Kekuda, Ramesh,
Khramtsov, Nikolai,
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US-10-287-226-348
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65 VGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               152 GRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYLV 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               185 LYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVA 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 RLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYH-DSTAASTVLILVG
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EXPRESSION OF 10,000 OR MORE
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                                                                                                                                                                                                                                                                                      Length 311;
                                                                                                                                                                                                                                                                                   Query Match 45.9%; Score 688; DB 16; Length 3 Best Local Similarity 53.6%; Pred. No. 2e-63; Matches 134; Conservative 38; Mismatches 76; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             36.9%; Score 552.5; DB 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2046, Application US/11097143
Fublication No. US2005020858A1
GENERAL INFORMATION:
I APPLICANT: Venter, J. Craig
APPLICANT: et al.
ITILE OF INVENTION: DETECTION KIT, SUCH AS NUC
ITILE OF INVENTION: DETECTION KIT, SUCH AS NUC
ITILE OF INVENTION: DROSOPHILA GENES.
FILE REPERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT PELING DATE: 1999-10-05
PRIOR PILING DATE: 1999-10-19
PRIOR APPLICATION NUMBER: 60/16,191
PRIOR APPLICATION NUMBER: 60/16,191
PRIOR APPLICATION NUMBER: 60/16,32
PRIOR APPLICATION NUMBER: 60/16,32
PRIOR APPLICATION NUMBER: 60/16,769
PRIOR PILING DATE: 1999-10-12
PRIOR APPLICATION NUMBER: 60/16,593
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-01-22
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-01-23
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-01-23
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-01-23
PRIOR PILING DATE: 2000-01-23
PRIOR APPLICATION NUMBER: 60/194,831
PRIOR PILING DATE: 2000-01-23
CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
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272 FFVSDLFKTK 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        245 VYVSDFFKER 254
                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: DROSOPHILA
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                                                       KINCSDGYIEY-YICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLL 199
                                                                                          64 YIDRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLRPNFLAVCDPDWS 122
                                                                                                                                                                    200 RPTLQFGLVAVSIYVGLSRVSDYRHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSFKE 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           65 VGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        152 GRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQBARKSFFSGHASFSMYTMLYLV 211
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    212 LYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLAGFAQGALVACCIV 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 RLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYH-DSTAASTVLILVG
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APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Squence 13, Application US/10812238A
| Squence 13, Application US/10812238A
| Publication No. US2005002904A1
| GENERAL INFORMATION:
| APPLICANT: Wary, Kishore, K.
| APPLICANT: Huntesoe, Joseph O.
| TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)
| TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)
| FILE REFERENCE: D6563
| CURRENT FILING DATE: 2004-03-29
| PRIOR APPLICATION NUMBER: US 60/458,164
| PRIOR PILING DATE: 2003-03-27
| NUMBER OF SEQ ID NOS: 36
| SEQ ID NO 3: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

46.3%; Score 694; DB 17;
Best Local Similarity 53.6%; Pred. No. 4.8e-64;
Matches 135; Conservative 39; Mismatches 76;
                                                                                                                                                                                                                                                                                260 RKEE--DSHTTLHETPTTG----NHYPSNH 283
                                                                                                                                                                                                                                                                                                                            242 LKEEELERKPSLSLTLTLGEADHNHYGYPH 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) NAME/KEY: CHAIN
; OTHER INFORMATION: human VCIP
US-10-812-238A-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    :||| || :|:
272 FFVSDLFKTKTT 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Unknown
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APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CLOOO728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT APPLICATION NUMBER: 60/160,191

PRIOR PILING DATE: 1999-10-19

PRIOR PILING DATE: 1999-10-19

PRIOR PLING DATE: 1999-11-12

PRIOR PLING DATE: 2000-01-12

PRIOR PLING DATE: 2000-01-12

PRIOR PLING DATE: 2000-02-24

PRIOR PLING DATE: 2000-02-24

PRIOR PLING DATE: 2000-02-24

PRIOR PLING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: FEASTECE FOR WINDOWN VERSION 4.0

SEQ ID NOS: 43008
                                                                                                                                                                       226 WSDVLTGLIQGALVAILVAVYVSDFFKERTS---FKERKEEDSHTTLHE--TPTTGNHYP 280
                                                                                                                                                                                               267 WSDVLSGSLLGVAGALITAHYIARMFDDGASNILSGGLRRENTAATLQEEVCPTTPPPYS 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         142 INCSD-----GYIEYYICRG---NAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKG 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHH
                                                                                                              36 ORGFFCKDNSINYPYHDSTAASTVLILVGVGLPVSSIILGETLSVYCNLLHS---NSFIS
  ---GYIEYYICRG---NAERVKEGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93 NNY-----IATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHFLDVCDPDWSK-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 246;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Score 413; DB 20;
; Pred. No. 1.2e-34;
36; Mismatches 78;
    TDIAKYSIGRLRPHFLDVCDP---DWSKINCSD-
                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 912, Application US/11097143; Publication No. US20050208558A1; GENERAL INFORMATION: APPLICANT: Venter, J. Craig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 40.9%;
Matches 94; Conservative 3
                                                                                                                                                                                                                                                        SNH 283
                                                                                                                                                                                                                                                                                              327 VNN 329
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US-11-097-143-912
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REPERENCE: CLOGO728

CURRENT APPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-19

PRIOR PLILOR DATE: 1999-10-19

PRIOR PLILOR DATE: 1999-10-19

PRIOR PLILOR DATE: 1999-10-12

PRIOR PLILOR DATE: 1999-11-12

PRIOR PLILOR DATE: 1999-11-12

PRIOR PLILOR DATE: 1999-11-2

PRIOR PLILOR DATE: 1999-11-2

PRIOR PLILOR DATE: 1999-11-2

PRIOR APPLICATION NUMBER: 60/164,769

PRIOR PLILOR DATE: 1999-11-2

PRIOR APPLICATION NUMBER: 60/175,693

PRIOR PLILOR DATE: 2000-01-12

PRIOR APPLICATION NUMBER: 60/175,693

PRIOR PLILOR DATE: 2000-02-24

PRIOR PLILOR DATE: 2000-02-24

PRIOR PLILOR DATE: 2000-02-24

PRIOR PLILOR DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: FRASESEQ FOR WINGOWS VERSION 4.0

SEQ ID NO 14997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62 LVGVGLPVSSIILGETLSVYCNLLHSNS-----FISNNY-----IATIYKAIGTFLFGA 110
                                                                                                                                                                             LVGVGLPVSSIILGETLS-VYCNLLHSNSFISNNYIATIYKAIGT----FLFGAAASQSL 116
                                                                                                                                                                                                                                111 AASQSLTDIAKYSIGRLRPHFLDVCDPDWSK-INCSDG----YIEYYICRG---NAERV 161
                                                                                                                                                                                                                                                                                                                    KEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSD 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           31 DRRMIQRLLVELLVVVVLVIPICVYEFA - VDPVRRGFFCDDESISYPFQDNTITPVMLGL
                                                           3 DKTRLPYVALDVLCVLLASMPMAV-LKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 DKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTAASTVL-I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26;
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                        Indels
; Pred. No. 4.6e-49; 43; Mismatches 84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
29.0%; Score 435; DB 20;
Best Local Similarity 36.3%; Pred. No. 9.3e-37;
Matches 110; Conservative 59; Mismatches 108;
                                                                                                                                                                                                                                                                                                                                                                                                                           314 YKHHWSDVLAGSLIGSISALVVANYVSDLFQK 345
                                                                                                                                                                                                                                                                                                                                                                                                     YKHHWSDVLTGLIQGALVAILVAVYVSDFFKE 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 14997, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
44.9%; Pred.
                      122; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: DROSOPHILA
Best Local Similarity
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                                                                                            ## APPLICANT: et al.

TITLE OF INVENTION: BETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE

TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE

FILE REFERENCE: CLOO0728

CURRENT APPLICATION NUMBER: US/11/097,143

FRIOR APPLICATION NUMBER: (0/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-11-2

PRIOR PRIOR APPLICATION NUMBER: 60/161,932

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 1999-11-2

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-24

PRIOR FILING DATE: 2000-01-24

PRIOR FILING DATE: 2000-01-23

NUMBER OF SEQ ID NOS: 43008

SOFTWARE: PSESEED for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        118 VIFTIMLIKLCLGRLRPHFLAVCQPMLPDGS--SCQDAQNLGRYIDSFTC-SNANMTDYQ 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    161 VKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVS 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      67 LPVSSIILGETLSVY------CNLLHSNSFISNNYIATIYKAIGTFLFGAAA 112
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APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 341;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DYKHHWSDVLTGLIQGALVAILVAVYVSDFF 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    235 DYYHHWSDVLAGAALGVVFAWLTSAYVADLF 265
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Publication No. US20050208558A1
GENERAL INFORMATION:
Sequence 41346, Application US/11097143
Ublication No. US2005008558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
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LENGTH: 341
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92 SNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHFLDVCDP---DWSKINCSD-- 146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              113 NAELYVEQFHCTNNNLSTRQIRELHVSFPSAHSSLSFYSMVLLALYVHGVWRGRGGVRVL 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       200 RPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSFKE 259
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TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE REPRESENCE: 20000728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT PILING DATE: 1099-10-05
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-29
PRIOR FILING DATE: 1999-10-29
PRIOR FILING DATE: 1999-10-29
PRIOR FILING DATE: 1999-10-28
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                                                                                          CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 60/157,832

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-05

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-19

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-10-28

PRIOR PELING DATE: 1999-11-12

PRIOR PELING DATE: 1999-11-12

PRIOR PILING DATE: 1999-11-12

PRIOR FILING DATE: 1999-11-12

PRIOR FILING DATE: 2090-11-2

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-2

PRIOR PILING DATE: 2000-01-2

PRIOR FILING DATE: 2000-01-2

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-02-24

PRIOR FILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SEQ ID NO 24018
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REFERENCE: CLO00728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 41352, Application US/11097143
Publication No. US2005008558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              260 RKEED---SHITLHEIPITGNH 278
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US-11-097-143-41352
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60 LILVGVGLPVSSIILGETLSVYCNLLHSNSFISNNYIATIYKAIGTFLFGAAASQSLTDI 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             120 AKYSIGRIRPHFLDVCDPDW-SKINCSD----GYIEY---YICRGN-----AERVKEGRL 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 FDKTRLPYVALDVLCVLLASMPMAVLKLGQIY - - PFQRGFFCKDNSINYPYHDSTAASTV 59
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 26.2%; Score 393; DB 20; Length 305;
Best Local Similarity 36.5%; Pred. No. 2.1e-32;
Matches 95; Conservative 51; Mismatches 88; Indels 26; Gaps
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PILING DATE: 2000-01-12
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FREELEG for Windows Version 4.0
SEQ ID NO 41352
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CORGANISM: DROSOPHILA
US-11-097-143-41352
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Search completed: November 2, 2005, 22:16:37 Job time: 85.5632 secs

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43247, A
13, Appl
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17, Appl
14, Appl
16, Appl
15, Appl
                                                                                       (without alignments)
1215.413 Million cell updates/sec
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                                                                           2, 2005, 21:27:15 ; Search time 17.4429 Seconds
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1500
1 MFDKTRLPYVALDVLCVLLA.......HTTLHETPTTGNHYPSNHQP 284
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/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/BCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
        GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-270-767-43247
US-09-360-376-12
US-09-360-376-14
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Listing first 45 summaries
                                                      - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length
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Database :

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Sequence 3, Appli
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Sequence 4518, Ap
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Sequence 15842, A
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                 Sequence
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PCT-US93-07923-11
PCT-US93-07923-3
PCT-US93-07923-2
US-08-230-491A-3
US-08-619-280A-3
US-09-940-0391-3
US-09-794-236-1
US-09-949-016-10450
US-09-252-91A-22861
US-09-755-381-11
US-08-435-6758-4
US-08-336-2578-7
US-08-336-2578-7
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US-08-336-2578-7
US-08-336-2578-7
US-08-336-2578-7
US-08-374-077C-4
                                                                                                                                                                                                                                                                                              Sequence 1. Application US/08992035A
; Sequence 1. Application US/08992035A
; Patent No. 6242179
; GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Hillman, Jennifer L.
APPLICANT: Corley, Neil C.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
COUNTRY: USA
ZIP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
OPERATE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/992,035A
                                                                                                                                                                                                                                                                                 ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/992,035A
FILING DATE: December 17, 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0433 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PF-0433 US
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INFORMATION FOR SEQ ID NO: 580UBNCE CHARACTERISTICS: LENGTH: 285 amino acida TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 88.0
Best Local Similarity 88.9
Matches 255; Conservative
 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TOPOLOGY: linear
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CLONE: 1719418
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US-08-992-035A-1
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15660, A 52, Appl 217, App 15661, A

Sequence Sequence Sequence Sequence

-09-248-796A-15660 -09-360-376-52 -09-248-796A-15661

-09-360-376-15

4116, Ap 2536, Ap

-09-621-976-4116 -09-710-279-2536 -09-538-092-217

Sequence Sequence Sequence Sequence Sequence

6, Appli 8174, Ap 4715, Ap 21937, A 5410, Ap 9921, Ap 4991, Ap

Sequence Sequence

-09-107-532A-4715 -09-252-991A-21937 .09-543-681A-8174

> 89.5 88.5 88 89.5

Sequence Sequence

US-09-107-532A-4991 US-09-134-001C-4013

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61 GIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAK 120
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      1 MFDKTRLPYVALDVICVLLAGLPFAILTSRHTPFQRGIFCNDDSIKYPYKEDTIPYALLG
                                                                                                                                61 GIVIPFCIIVMSIGESLSVYFNVLHSNSFVGNPYIATIYKAVGAFLFGVSASQSLTDİAK
                                                                                                                                                                                                                                                                                                                                                                                  181 FVALYLQARMKGDWARLLRPMLQFGLIAFSIYVGLSRVSDYKHHWSDVTVGLIQGAAMAI
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                                                                                             GIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAK
                                                                                                                                                                                                                                                                                                                                        181 FVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 53, Application US/09360376
Betent No. 6495739
GENERAL INFORMATION:
APPLICANT: LASENER' Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US/09/32,315
PRIOR PILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
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US-09-360-376-53
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Best Local Similarity
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US-09-360-376-53
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US-09-360-376-54
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MFDKTRLPYVALDVLCVLLAGLPFAIL-TSRHTPFQRGVFCNDESIKYPYKEDTI--PYA
                                1 MFDKTRLPYVALDVLCVLLASMPMAVLKLGQIYPFQRGFFCKDNSINYPYHDSTVTSTVL
                                                                                                                    LLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTD
                                                                                                                                                                                                                                                                           119 IAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSWY
                                                                                                                                                                                                                                                                                                                                                               178 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL
                                                                                                                                                                                                                                                                                                                                                                                                     179 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL
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84.8%; Score 1271.5; DB 3; Length
Best Local Similarity 83.1%; Pred. No. 4e-134;
Matches 236; Conservative 25; Mismatches 22; Indels
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Patent No. 6242179
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Shah, Purvi
APPLICANT: Corley, Nail C.
APPLICANT: Lal, Preeti
ITILE OF INVENTION: HUMAN PHOSPHATASES
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Forter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIATE: CA
COUNTRY: USA
ZIATE: CA
COUNTRY: USA
ZIATE: CA
COUNTRY: USA
ZIATE: DE 94304 EDRM:
MEDIUM TYPE: Diskette
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FILING DATE: December 17, 1997

FILING DATE: DECEMBER 17, 1997

FILING DATE: TORNATION: APPLICATION DATA: APPLICATION NUMBER: STATEM: ATTORNEY/AGENT INFORMATION: REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0433 US TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: SOFTWARE SOFTW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            283 amino acids
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LIBRARY: GENLING: 1487873
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US-08-992-035A-3
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69 IVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRP 128
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                GRLRPHFLDVCDPDWSKINCSDGYIEYYIČRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 183
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Patent No. 6703491

GENERAL INFORMATION:

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT PILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 43247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12 LDVLCVLLAGLPFAI-LTSRHTPFQRGVFCNDESIKYPY--KEDTIPYALLGGIIIPFSI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        39 LDVXCXXXAGLPPXIXXXXXXXPFXRGXXCNDXSIKYPYXXXEXTIXXALLXXXXIXXXI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                           Sequence 18, Application US/09122315C
Patent No. 6476294
GENERAL INFORMATION:
APPLICANT: Michael W. Lasener
APPLICANT: Diane Ruezinsky
ITLE REPERBNCE: 17026/00/US
CURRENT FILLING DATE: 1998-07-24
CURRENT FILLING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: IBM PC: Windows NT 4.0; Microsoft Word for Windows 7.0a
SEQ ID NO 18
SEQ ID NO 18
SEQ ID NO 18
SEQ IPM NOS: 18
TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9
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LOCATION: (1)..(323)
OTHER INFORMATION: unsure at all Xaa locations
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                                                                                                                                                                                                                                                                                                                                                                                                                              1 MFDKTRLPYVALDVLCVLLAGLPFAILTSRHTPFQRGVFCNDESIKYPYKEDTIPYALLG
                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MFDKPRLPYVVLDVICVLLAGLPPIILTSRHTPFQRGVFCTDESIKYPYREDTIPYALLG
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Batent No. 6495739

GENERAL INFORMATION:
APPLICANT: LABSHDEY, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVEXTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
FRIOR PRIJING DATE: 1999-07-23
FRIOR PRIJING DATE: 1999-07-24
NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                          Length 282;
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APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/08/09/360,376
CURRENT APPLICATION NUMBER: US/09/120,315
PRIOR PILING DATE: 1999-07-23
PRIOR PILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
SEQ ID NO 54
LENGTH: 282
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LVVLYVTDFFKTTESNKERK-EDSHTTLHET-TNRQSYARNHEP 282
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Best Local Similarity 83.1%; Pred. No. 1.7e-131;
Matches 236; Conservative 21; Mismatches 25;
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US-09-360-376-55
                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Rattus sp.
US-09-360-376-54
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LENGTH: 233
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72 ILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHFL 131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      191 ----KGDWARL---LRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16.8%; Score 252.5; DB 4; Length 343; 33.8%; Pred. No. 1.1e-19; tive 36; Mismatches 86; Indels 35
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Patent No. 6495739

GENERAL INFORMATION:

APPLICANT: Lasener, Michael

APPLICANT: Lasener, Michael

APPLICANT: Ruezinsky, Diane

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR PLIING DATE: 1999-07-23

PRIOR PLIING DATE: 1999-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0

SEQ ID NO 17
                                                                                                                     Sequence 12, Application US/09360376

Patent No. 6495739

GENERAL INPORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruczinsky, Diane
TITLE OF INVENTION:
FILE REFERENCE: 17026/01/US;
CURRENT APPLICATION WUMBER: US/09/360,376
CURRENT APPLICATION WUMBER: US 09/122,315
PRIOR PILING DATE: 1999-07-23
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0
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Best Local Similarity 32.2%
Matches 76; Conservative
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Best Local Similarity 33.84
Matches 80; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Arabidopsis sp.
273 AGALIGTLVA 282
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ORGANISM: Glycine sp.
                                                                                                     US-09-360-376-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 175 SMYCMLFVALYLQARMK----GDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVL 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 216 SPAGLTFLSLYLSGKIKAFNNEGHVAKLC--LVIFPLLAACL-VGISRVDDYWHHWQDVF 272
                                                                                                                                                                                                                                                                                                                                70 VII---LGE-----TLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDI 118
                                                                                                                                                                                                                                                                                                                                                                   119 AKYSIGRLRPHFLDVCDPDWSK-INCSD-----GYIEYYICRG---NAERVKEGRLSFYS 169
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     238 AKYSIGKLRPHFYTLCQPVMKDGTTCSDPINAARYIEEFTCAAVDITSKQLKDMRLSFPS 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        170 GHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVL 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              115 LTDIAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSF 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         56 -YALLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQS 114
                                                                                                                                                                                                                                15 LCVL-LAGLPFAILTSRHTPFQRGVFCNDESIKYPYKEDTIP----YALLGGIIIPFSII 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 KTRLPYVALDVLCVLLAGLPFAILTSRHTPFQRGV---FCNDESIKYPYKEDTIP----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         48; Gaps
                                                                                                                                                                                27;
                                                                                                                                Length 412;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/09360376

(DENERAL INFORMATION:

(ADERAL INFORMATION:

APPLICANT: Lasener, Michael

APPLICANT: Lasener, Michael

APPLICANT: Lasener, Michael

APPLICANT: Lasener, Michael

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES

CURRENT APPLICATION NUMBER: US/09/360,376

CURRENT FILING DATE: 1999-07-23

PRIOR APPLICATION NUMBER: US 09/122,315

PRIOR FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 55

SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18.2%; Score 273; DB 4; Length 348; 30.8%; Pred. No. 5.5e-22; Live 44; Mismatches 81; Indels
                                                                                                                                                                                Indels
                                                                                                                             DB 4;
                                                                                                                          Query Match 27.0%; Score 404.5; DB 4 Best Local Similarity 37.2%; Pred. No. 1.3e-36; Matches 94; Conservative 44; Mismatches 88
                        ; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-43247
ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             230 TGLIQGALVAILV 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           358 AGSGIGLTYAVVV 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 18.2%
Best Local Similarity 30.8%
Matches 77; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 8
US-09-360-376-13
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RESULT 14
US-09-248-796A-15660
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68 IIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLR 127
                     PHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQ 187
                                                                                          150 PDFFWRCFPDGKDVYDKWGDV---ICHGDQKVIKEGYKSFPSGHTSGSFSGLGFLSLYLS 206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               125 RLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVAL 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  185 YLQARM-----KGDWARLLRPTLQFGLVAVSIYVĞLSRVSDYKHHWSDVLTGLIQGALVA 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       188 ARM-----KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 239
                                                                                                                                                        14 VLCVLLAGLPFAILTSRHTPFQRGVFCNDE---SIKYPYKEDTIP-----YALLGGIII
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16.7%; Score 251; DB 4; Length 314; 30.8%; Pred. No. 1.4e-19; Live 37; Mismatches 90; Indels
                                                                                                                                                                                                                                                                                                         APPLICANT: Lassner, Michael
APPLICANT: Lassner, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 16, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruczinsky, Diane
TITLE OF INVENTION: PLIANT PHOSPHATIDIC ACID PHOSPHATASES
FILE REFERENCE: 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION UNBER: US 09/122,315
                                                                                                                                                                                                                                                          Sequence 14, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 30.89
Matches 77, Conservative
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TYPE: PRT
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70 VIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPH 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       146 GYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM----KGDWARL--- 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25 DWLILLLLVIIDAVL-NLIQPFHR--FVGEGMMTDLRYPLKANTIPF-----WAVPIIAI
                                                                                                                                                                                                                                                                                                                         13 DVLCVLLAGLPFAILTSRHTPFQRGVFCND---ESIKYPYKEDTIPYALLGGIIIPFSII
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               190 M----KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 239
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                                                                                                                                                                                                               Length 322;
                                                                                                                                                                                                                                                                    90; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lasener, Michael
APPLICANT: Lasener, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TILE REFERENCE 17026/01/US
CURRENT APPLICATION NUMBER: US/09/360,376
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION NUMBER: 1998-07-24
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                198 LRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVA 239
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                                                                                                                                                                                                               16.6%; Score 249; DB 4; 31.5%; Pred. No. 2.4e-19; iive 41; Mismatches 90;
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16.1%; Score 241.5; DB 4.
Best Local Similarity 33.8%; Pred. No. 1.6e-18;
Matches 75; Conservative 30; Mismatches 74.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 15, Application US/09360376; Patent No. 6495739
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                    74; Conservative
                   SOFTWARE: Patentin ve. SEQ ID NO 16
LENGTH: 322
TYPE: PRT
ORGANISM: Glycine sp.
                                                                                                                                                                                                                                           Best Local Similarity
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ORGANISM: Zea mays
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Sequence 15660, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT FILING DATE: 1999-02-13
PRIOR PELICATION NUMBER: US 60/074,725
PRIOR PELICATION NUMBER: US 60/074,725
PRIOR PELICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 15660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          63 IIPPSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYS 122
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25 VIPLSVIIIV---ALISTCPPKYK---LYNTWVSSI-----GLLLSVLITSFVTNIVKNW 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 KTRLPYVALDVLCVLLAGLPFAILTSRHTPFQRGVFCNDESIKYPY---KEDTIPYALLG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    31; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 243;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lasener, Michael
APPLICANT: Lasener, Michael
APPLICANT: Ruezinsky, Diane
TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
TITLE REFERENCE: 17026/01/US
CURRENT FILING DATE: 1999-07-23
PRIOR APPLICATION NUMBER: US 09/122,315
PRIOR APPLICATION NUMBER: US 09/122,315
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ch 12.9%; Score 193.5; DB 4; Length 1 Similarity 27.0%; Pred. No. 3.5e-13; 80; Conservative 44; Mismatches 107; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    87; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
13.4%; Score 200.5; DB 4;
Best Local Similarity 29.2%; Pred. No. 4.5e-14;
Matches 63; Conservative 35; Mismatches 87;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       238 VAI-----LVAVYVSDFFKERTSFKE--RKEE 262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 52, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Candida albicans
US-09-248-796A-15660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 80; Conserval
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US-09-360-376-52
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LENGTH: 289
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Search completed: November 2, 2005, 21:48:55 Job time : 19.4429 secs

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November 2, 2005, 21:46:06; Search time 84.2664 Seconds (without alignments) 1408.915 Million cell updates/sec
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1500
1 MFDKTRLPYVALDVLCVLLA........HTTLHETPTTGNHYPSNHQP 284
                                                                                                                                                                                                                                                                                                                                                                                                                                                             1865214
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Gapop 10.0 , Gapext 0.5
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Run on:

Published Applications AA:\* Database

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Minimum DB seq length: 0 Maximum DB seq length: 200000000

1. /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*

1. /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*

3. /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*

3. /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep:\*

3. /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*

3. /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*

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3. /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*

3. /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*

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5. /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*

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5. /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep:\*

6. /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

10:11:12:00	יייייייייייייייייייייייייייייייייייייי	Sequence 157, App	Sequence 136, App	Sequence 136, App	Sequence 1, Appli	Sequence 346, App	Sequence 348, App	Sequence 49, Appl	Sequence 13, Appl	Sequence 2, Appli	Sequence 2046, Ap	Sequence 14997, A
£		US-10-764-425-157	US-10-643-795A-136	US-10-948-518-136	US-10-655-601-1	US-10-287-226-346	US-10-287-226-348	US-10-491-467-49	US-10-812-238A-13	US-10-655-601-2	US-11-097-143-2046	US-11-097-143-14997
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## ALIGNMENTS

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Sequence 157, Application US/10764425
; Publication No. US20040146921A1
; Generate 157, Application No. US20040146921A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Pharmaceuticals Corporation
; TITLE OF INVENTION: EXPRESSION PROFILES FOR COLON CANCER AND METHODS OF USE
; TITLE REPRENCE: 5151
; CURRENT APPLICATION NUMBER: US/10/764,425
; CURRENT FILING DATE: 2004-01-23
; PRIOR FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 191
; SOOTWARE: Patentin version 3.2
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Best Local Similarity 100.0
Matches 284; Conservative
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CORGANISM: Homo sapiens
US-10-764-425-157
US-10-764-425-157
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LENGTH: 284
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61 YALLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFRGAAASQSL 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: CEMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TITLE OF INVENTION: TREATMENT OF TUMOR
FILE REFERENCE: P50.261.05
CURRENT APPLICATION NUMBER: US/10/948,518
CURRENT PILING DATE: 2004-09-22
FRIOR PEDILORION NUMBER: US/10/643,795
FRIOR PEDILORION NUMBER: US 60/404,809
FRIOR PILING DATE: 2003-08-19
FRIOR PILING DATE: 2002-08-19
FRIOR PELING DATE: 2002-08-19
FRIOR PELING DATE: 2002-09-23
FRIOR PELING DATE: 2002-09-23
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FRIOR PELING DATE: 2002-10-15
FRIOR PELING DATE: 2002-10-15
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FRIOR PELING DATE: 2002-11-15
FRIOR PELING DATE: 2003-11-15
FRIOR PELING DATE: 2003-11-15
FRIOR PELING DATE: 2003-11-15
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FRIOR PELING DATE: 2003-07-02
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241 ALVAILVAVYVSDFFKERTSFKERDSHTTLHETPTTGNHYPSNHQP 289
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                                                                                                                                                              ; Sequence 136, Application US/10948518; Publication No. US20050064492A1; GENERAL INFORMATION:
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US-10-655-601-1
; Sequence 1, Application US/10655601
; Publication No. US20040137522A1
                                                                                                                                                                                                                                                 APPLICANT: FREDERIC J. DESAUVAGE
                                                                                                                                                                                                                                                                                                                                                 ANDREW POLSON
VICTORIA SMITH
SUSAN D. SPENCER
THOMAS D. WU
ZEMIN ZHANG
                                                                                                                                                                                                                                                                       GRETCHEN FRANTZ
KENNETH J. HILLAN
PAUL POLAKIS
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Best Local Similarity 97.94
Matches 283; Conservative
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US-10-948-518-136
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                                                           FVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: GRETCHEN FRANTZ
APPLICANT: GRETCHEN FRANTZ
APPLICANT: PAUL POLAKIS
APPLICANT: PAUL POLAKIS
APPLICANT: ANDREW POLSON
APPLICANT: ANDREW POLSON
APPLICANT: SUSAN D. SPENCER
APPLICANT: SUSAN D. SPENCER
APPLICANT: THOMAS D. WU
TITLE OF INVENTION: TREATMENT OF TUMOR
TITLE OF INVENTION WHABER: US 60/404,809
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-21
PRIOR PELING DATE: 2002-08-23
PRIOR PELING DATE: 2002-09-23
PRIOR FILING DATE: 2002-13-15
PRIOR APPLICATION NUMBER: US 60/419,008
PRIOR FILING DATE: 2002-11-15
PRIOR PELING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2002-11-15
PRIOR FILING DATE: 2003-11-15
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99.0%; Score 1485.5; DB 16; Length 289;
Best Local Similarity 97.9%; Pred. No. 6.3e-147;
Matches 283; Conservative 1; Mismatches 0; Indels 5;
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                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 136, Application US/10643795A Publication No. US20040241703A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: FREDERIC J. DESAUVAGE APPLICANT: GRETCHEN FRANTZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ORGANISM: Homo sapien
US-10-643-795A-136
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SEQ ID NO 346
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                                                                                                                                                                                                                                                                                                                                                                    58 LLGGIIIPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 178 CMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGAL
                                                                                                                                                                                                                                                                                                                                                                                                                                     118 IAKYSIGRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMY
GENERAL INFORMATION:
APPLICANT: Fearly, Mel B.
APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REPERENCE: 7570/73251
CURRENT APPLICATION NUMBER: U8/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                             DB 16; Length 285;
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Pred. No. 1.2e-129;
8; Mismatches 19;
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Publication No. US20040086875A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John P.,
APPLICANT: Beldog, Ference,
APPLICANT: Boldog, Ference,
APPLICANT: Chaut, John S.,
APPLICANT: Chaut, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Edinger, Shlomit R.,
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Malyankar, Uriel M.,
MacDougall, John R.,
Mazes, Peter S.
Miller, Charles B.,
Miller, Isabelle,
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Ort, Tatiana,
Padigaru, Muralidhara,
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Ellerman, Karen,
Gangolli, Esha A.,
Gorman, Linda,
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Best Local Similarity 88.9
Matches 255, Conservative
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                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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US-10-287-226-346
                                                                                                                                                               LENGTH: 285
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APPLICANT:
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68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
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                                                                                                                                                                                                   APPLICANT: Zerhueen, Bryan D.,
APPLICANT: Zerhueen, Bryan D.,
APPLICANT: Zerhueen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE G. INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: 06/334,421
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR APPLICATION NUMBER: 60/356,148
PRIOR PILING DATE: 2002-02-04
PRIOR FILING DATE: 2002-02-07
PRIOR FILING DATE: 2002-02-07
PRIOR PILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/344,000
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/344,409
PRIOR PILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR APPLICATION NUMBER: 60/334,227
PRIOR APPLICATION NUMBER: 60/334,227
PRIOR APPLICATION NUMBER: 60/334,227
PRIOR PILING DATE: 2002-03-13
PRIOR PILING DATE: 2002-03-13
PRIOR PILING DATE: 2001-11-20
PRIOR FILING DATE: 2001-11-20
PRIOR FILING DATE: 2001-11-20
PRIOR PILING DATE: 2001-11-20
PRIOR PILING DATE: 2001-11-20
PRIOR PILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR PILING DATE: 2001-11-20
PRIOR PILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/331,641
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Rothenberg, Mark E.,
Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
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68 LDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 127
                                                                                                                                        KGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFF 250
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PRIOR FILING DATE: 2001-10-19
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-10
PRIOR FILING DATE: 2001-11-10
PRIOR PELLOATION NUMBER: US 60/333,098
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-16
PRIOR FILING DATE: 2001-11-16
PRIOR PELLOATION NUMBER: US 60/333,098
PRIOR FILING DATE: 2001-11-16
PRIOR PELLOATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-16
PRIOR PELLOATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-16
PRIOR PELLOATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-10
PRIOR APPLICATION NUMBER: US 60/334,288
PRIOR FILING DATE: 2001-11-10
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                                                                                                                                                                                                                                                                         KERTSFKERKEEDSHTTLHETPTTGNHYPSNHQP 284
                                                                                                                                                                                                                                                                                                                   KERTSFKERKEEDSHITLHEIPITGNHYPSNHQP 221
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NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 7503176CD1
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Publication No. US20050186568A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Taugler, Ti., Raymond J.,
APPLICANT: Spaderna, Bryan D.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zhong, Mei Bryan D.,
APPLICANT: APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
FRIOR APPLICATION NUMBER: 60/334,421
FRIOR APPLICATION NUMBER: 60/354,392
FRIOR APPLICATION NUMBER: 60/364,000
FRIOR APPLICATION NUMBER: 60/364,000
FRIOR APPLICATION NUMBER: 60/364,000
FRIOR PILING DATE: 2002-03-13
FRIOR APPLICATION NUMBER: 60/334,000
FRIOR PILING DATE: 2002-03-13
FRIOR APPLICATION NUMBER: 60/334,409
FRIOR PILING DATE: 2002-02-04
FRIOR APPLICATION NUMBER: 60/334,409
FRIOR PILING DATE: 2002-02-04
FRIOR PILING DATE: 2002-03-13
FRIOR APPLICATION NUMBER: 60/334,27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ort, Tatiana,
Padigaru, Muralidhara,
Patturajan, Meera,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 348
LENGTH: 221
Chant, John S.,
Chaudhuri, Amitabha,
DiPippo, Vincent A.,
Edinger, Shlomit R.,
                                                                                                                                                                                                                                                                                                                                                                                                   Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mazes, Peter S.
Miller, Charles E.,
Millet, Isabelle,
Ooi, Chean Eng,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Rastelli, Luca,
Rieger, Daniel K.,
Rothenberg, Mark E.,
Shenoy, Suresh G.,
                                                                                                                                                                                                                                                                                                                                                                       Khramtsov, Nikolai,
                                                                                                                                                             Ellerman, Karen,
Gangolli, Esha A.,
                                                                                                                                                                                                                               Gorman, Linda,
Gerlach, Valerie,
Ji, Weizhen,
Kekuda, Ramesh,
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
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AFFLIANT: GE AL.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

TITLE OF INVENTION: DROSOPHILA GENES.

CURRENT FILING DATE: 2005-04-04

PRIOR APPLICATION NUMBER: 06/15/312

PRIOR APPLICATION NUMBER: 60/16/191

PRIOR PILING DATE: 1999-10-19

PRIOR PILING DATE: 1999-10-19

PRIOR PILING DATE: 1999-11-12

PRIOR PILING DATE: 2000-01-12

PRIOR PILING DATE: 2000-01-12

PRIOR PILING DATE: 2000-01-12

PRIOR PILING DATE: 2000-01-24

PRIOR PILING DATE: 2000-01-24

PRIOR PILING DATE: 2000-01-24

PRIOR PILING DATE: 2000-01-24

PRIOR PILING DATE: 2000-01-32

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           184 LYLOARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVA 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             212 LYLQARFTWRGARLLRPLLQFTLIMMAPYTGLSRVSDHKHPSDVLAGFAQGALVACCIV 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 93 IVIAILAIITGEFYRIY-YLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIAKVSI 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                124 GRLRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 183
                                                                                                                                                                                                                                                                                                                                                  6 RLPYVALDVLCVLLAGLPFAIL-TSRHTPFQRGVFCNDESIKYPYKE-DTIPYALLGGII 63
                                                                                                                                                                                                                                                                                                                                                                                33 RVLLICLDLFCLFWAGLPFLIIETSTIKPYHRGFYCNDESIKYPLKTGETINDAVLCAVG 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                  64 IPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI
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                                                                                                                                                                                                                                                         Length 311;
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                                                                                                                                                                                                                                                                             .36-65;
                                                                                                                                                                                                                                                    %; Score 710.5;
%; Pred. No. 1.3e
37; Mismatches
       CURRENT APPLICATION NUMBER: US/10/655,601
CURRENT FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2046, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
                                                                                                                                                                                                                                                      47.4%;
                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 57.28
Matches 143; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            244 VYVSDFFKER 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :||| || :
272 FFVSDLFKTK 281
                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DROSOPHILA
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                                                                            TLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSFKERK 260
                                                                                                                                                                          DRLYSRSDF-NNYVAAVYKVLGTFLFGAAVSQSLTDLAKYMIGRLRPNFLAVCDPDWSRV 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              64 IPFSIIVIILGETLSVYCNLLHSNSFIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSI 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            124 GRIRPHFLDVCDPDWSKINCSDGYIEYYICRGNAERVKEGRLSFYSGHSSFSMYCMLFVA 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             184 LYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVA 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NCSDGYIEY-YICRGNAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 RLPYVALDVLCVLLAGLPFAIL-TSRHTPFQRGVFCNDESIKYPYKE-DTIPYALLGGII
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APPLICANT: Shulman, Joshua M.
TITLE OF INVENTION: Genes and Proteins Altering Tau-Related Neuropathy
FILE REFERENCE: 7570/73251
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Application US/10812238A

Publication No. US20050002904A1

GENERAL INFORMATION:

APPLICANT: Wary, Kishore, K.

APPLICANT: Huntsoe, Joseph O.

TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)

FILE REPERENCE: D6563

CURRENT FILING DATE: 2004-03-29

PRIOR APPLICATION NUMBER: US 60/458,164

PRIOR FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 47.8%; Score 716.5; DB 198st Local Similarity 57.1%; Pred. No. 3.1e-66; Matches 144; Conservative 38; Mismatches 67
                                                                                                                                                                                                                                            RE--DSHTTLHETPTTG----NHYPSNH 282
                                                                                                                                                                                                                                                                               Sequence 2, Application US/10655601
Publication No. US20040137522A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NAWE/KEY: CHAIN
; OTHER INFORMATION: human VCIP
US-10-812-238A-13
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272 FFVSDLFKTKTT 283
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                 RESULT 8
US-10-812-238A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 13
LENGTH: 311
TYPE: PRT
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89 FIRNNYIATIYKAIGTFLFGAAASQSLTDIAKYSIGRLRPHFLDVCDP---DWSKINCSD 145
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AASQSLTDIAKYSIGRLRPHFLDVCDP---DWSKINCSD----GYIEYYICRG---NAE 158
                           RVKEGRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLQFGLVAVSIYVGLSRV 218
                                                                                                                                                                           SDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTS---FKERKEEDSHTTLHE--TPT 273
                                                                                                                                                                                                      261 MDHWHHWSDVLSGSLLGVAGALITAHYIARMFDDGASNILSGGLRRENTAATLQEEVCPT 320
                                                                                                               Sequence 24018, Application US/11097143
Publication No. US20050208558A1
Publication No. US20050208558A1
Publication No. US20050208558A1
APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE TITLE OF INVENTION: DROSOPHILA GENES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 HT-FKRGFFCSDLSIRYPYKDCTITVPMLLLMMLLLDMLFVAVV--EIMRI-CKRFRTRL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 197 LLRPTLQFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILVAVYVSDFFKERTSF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 31 HTPFQRGVFCNDESIKYPYKEDTI -- PYALLGGIIIPFSIIVIILGETLSVYCNLLHSNS
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Pred. No. 4.7e-34;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        46; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT FILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR PLING DATE: 1999-10-19
PRIOR PLING DATE: 1999-10-19
PRIOR PLING DATE: 1999-10-19
PRIOR PELICATION NUMBER: 60/161,932
PRIOR FILING DATE: 1999-11-12
PRIOR PELICATION NUMBER: 60/173,333
PRIOR PELICATION NUMBER: 60/175,693
PRIOR PLING DATE: 1999-11-2
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PLING DATE: 2000-01-12
PRIOR PLING DATE: 2000-01-12
PRIOR PLING DATE: 2000-01-12
PRIOR PLING DATE: 2000-01-12
PRIOR PLING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 24018
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Best Local Similarity 37.5%;
Matches 99; Conservative 4
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                                                                                                                                                                                                                                                                   TGNHYPSNH 282
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                                                                                             112 SQSLTDIAKYSIGRLRPHFLDVCDPDWSK-INCSDG----YIEYYICRG---NAERVKE 162
                                                                                                                                                                                                                                                                                                                                 163 GRLSFYSGHSSFSMYCMLFVALYLQARMKGDWARLLRPTLOFGLVAVSIYVGLSRVSDYK 222
                                                                                                                                                                                                                                                                                                                                                          256 MRLSFPSGHSSFTFFAMVYLALYLQARMTWRGSKLLRHLLQFLFIMVAMYTALSRVSDYK 315
                                                                                                                                                      GIIIPFSIIVI---ILGETLSVYCN-LLHSNSFIRNNY----IATIYKAIGTFLFGAAA 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: DROSOPHILA GENES.
TITLE OF INVENTION: UNMERS.
CURRENT APPLICATION NUMBER: 105,11/097,143
CURRENT FILING DATE: 2005-04-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57; Mismatches 102; Indels
                      Indels
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  No. 4.2e-47;
                                                                                                                                                                                                                                                                                                                                                                                                                                            316 ||||||| | : |:: |::|| |||| |::
316 HHWSDVLAGSLIGSISALVVANYVSDLFQK 345
                         44; Mismatches
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PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-19
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 1999-11-2
PRIOR FILING DATE: 2000-01-2
PRIOR FILING DATE: 2000-01-2
PRIOR FILING DATE: 2000-02-3
PRIOR FILING DATE: 2000-02-3
PRIOR FILING DATE: 2000-03-3
PRIOR FILING DATE: 2000-03-3
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASTESEQ for Windows Version 4.0
SELENGTH: 340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14997, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
  Pred.
  44.8%;
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Best Local Similarity 35.9°
Matches 111; Conservative
                    Matches 121; Conservative
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Best Local Similarity
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ORGANISM: DROSOPHILA
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US-11-097-143-41352
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SEQ ID NO 41346
LENGTH: 341
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                                                                                                                                                                                                       APPLICANT: et al.

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID

TITLE OF INVENTION: DROSOPHILA GENES.

FILE REFERENCE: CLO00728

CURRENT APPLICATION NUMBER: US/11/097,143

CURRENT FILING DATE: 2005-04-04

PRIOR PILING DATE: 1999-10-05

PRIOR PLILING DATE: 1999-10-19

PRIOR PLILING DATE: 1999-10-19

PRIOR PLILING DATE: 1999-10-19

PRIOR PLILING DATE: 1999-11-12

PRIOR PLILING DATE: 1999-11-12

PRIOR PLILING DATE: 1999-11-12

PRIOR PLILING DATE: 1999-11-12

PRIOR PLILING DATE: 1999-11-2

PRIOR PLILING DATE: 1999-11-2

PRIOR PLILING DATE: 1999-12-28

PRIOR PLILING DATE: 1999-12-28

PRIOR PLILING DATE: 2000-02-24

PRIOR PLILING DATE: 2000-03-23

NUMBER OF SEQ ID NOS: 43008

SOOTHWARE: FEASTSOE OF WINDOWS Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               140 K-INCSD-----GYIEYYICRG---NAERVKEGRLSFYSGHSSFSMYCMLFVALYLQARM 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            35 QRGVFCNDESIKYPYKEDTIP----YALLGGIIIPFSIIVII---LGE-----TLSV 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69
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Publication No. US20050208558A1
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: et al.
TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               191 KGDWARLLRPTLOFGLVAVSIYVGLSRVSDYKHHWSDVLTGLIQGALVAILV 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 246;
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257 KERKEED --- SHTTLHETPTTGNH 277
                                  231 TGRIPPSLNYSHHLHHQLMADNNN 254
                                                                                                                                Sequence 912, Application US/11097143
Publication No. US20050208558A1
GENERAL INFORMATION:
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Best Local Similarity 37.9*
Matches 88; Conservative
                                                                                                                                                                                             APPLICANT: Venter, J. Craig APPLICANT: et al.
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67 PNAVIVVVELFRQLPGGPLREAGGKRDS--CRIAHR------LGVLYRQVIFYLYGLA 116
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    111 ASQSLTDIAKYSIGRLRPHFLDVCD---PDWSKINCSDG----YIEYYICRGNAE---- 158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   15 LIWVALSVASVLLHKM------GRPFRRGFFCGDETLSYPARDGTISSKVIIAIVLGV 66
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TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000, OR MORE
TITLE OF INVENTION: DROSOPHILA GENES.
FILE REPERENCE: CL0000728
CURRENT APPLICATION NUMBER: US/11/097,143
CURRENT PILING DATE: 2005-04-04
PRIOR APPLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR PLING DATE: 1999-10-09
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR PILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 60/160,191
PRIOR APPLICATION NUMBER: 60/160,181
PRIOR APPLICATION NUMBER: 60/164,769
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CURRENT PELING DATE: 2005-04-04
PRIOR PLICATION NUMBER: 60/157,832
PRIOR FILING DATE: 1999-10-05
PRIOR PELICATION NUMBER: 60/160,191
PRIOR PELICATION NUMBER: 60/161,932
PRIOR PELING DATE: 1999-10-19
PRIOR PELING DATE: 1999-10-28
PRIOR PELING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR PELING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/164,769
PRIOR PELING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR PELING DATE: 2000-01-12
PRIOR PELING DATE: 2000-01-2
PRIOR PELING DATE: 2000-02-24
PRIOR PELING DATE: 2000-03-24
PRIOR PELING DATE: 2000-03-23
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; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
DROSOPHILA GENES
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Best Local Similarity 36.0%
Matches 98, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 FDKTRLPYVALDVLCVLLAGLPFAILTSRH---TPFQRGVFCNDESIKYPYKEDTIPYAL
                                                                                                                                                                                                                                                                                                                                                    Query Match 24.3%; Score 364.5; DB 20; Length 305;
Best Local Similarity 36.6%; Pred. No. 2.4e-29;
Matches 96; Conservative 44; Mismatches 91; Indels 31; Gaps
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/173,383
PRIOR FILING DATE: 1999-12-28
PRIOR PILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/175,693
PRIOR FILING DATE: 2000-01-12
PRIOR PILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-03-23
NUMBER OF SEQ ID NOS: 43008
SOFTWARE: FASELSEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 41352
LENGTH: 305
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                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: DROSOPHILA
US-11-097-143-41352
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Search completed: November 2, 2005, 22:16:36 Job time : 86.2664 secs